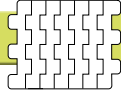


Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

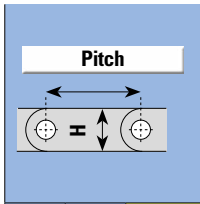
## 3 0 0 1 0 a



### INDEX MODULAR BELTS STRAIGHT RUNNING

FROM 8 mm (1/3") TO 25,4 mm (1") PITCH

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



For other types of belt go to:

- 3 0 0 1 1 a** Index modular belt straight running pitch 25,4 mm (1"), 50,8 mm (2") and 63,5 mm (2 1/2")
- 3 0 0 1 2 a** Index modular belt sideflexing

Information about this product is only available on our Smart Guide® website.

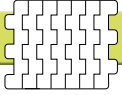


PITCH mm	H mm	VERSION MODULE	BELT SERIES	FLAT TOP	FLUSH GRID	RUBBER INSERTS	ROLLER FLOW	LBP	SPECIAL	
8 (1/3")	6	Imperial	2080	<b>New</b>	-	-	-	-	-	
			<b>3 0 0 2 7 a</b>	<b>3 0 0 2 5 a</b>						
12,7 (1/2")	8,7	Metric 85	2120				<b>New</b>		<b>3 0 1 2 0 a</b>	
			<b>3 0 1 6 0 a</b>	<b>3 0 0 5 0 a</b>	<b>3 0 0 7 0 a</b>	<b>3 0 1 0 0 a</b>	<b>3 0 1 0 8 a</b>	<b>3 0 1 1 0 a</b>		
		Metric 100	2122	-		-	-	-	-	-
			<b>3 0 1 6 6 a</b>	<b>3 0 0 7 3 a</b>						
		Imperial	2121		-	-	-	-	-	-
			<b>3 0 1 6 0 a</b>	<b>3 0 0 5 5 a</b>	<b>3 0 0 3 0 a</b>					
		Metric	2123	-		-	-	-	-	-
			<b>3 0 0 6 5 a</b>	<b>3 0 0 6 5 a</b>						
19,05 (3/4")	8,7	Imperial	2190			-	-	-	-	
			<b>3 0 2 3 5 a</b>	<b>3 0 2 1 0 a</b>	<b>3 0 2 3 0 a</b>	<b>3 0 2 2 0 a</b>				
25,4 (1")	8,7	Metric	2250				<b>New</b>	-		
			<b>3 0 3 9 5 a</b>	<b>3 0 3 2 5 a</b>	<b>3 0 3 6 0 a</b>	<b>3 0 3 7 0 a</b>	<b>3 0 3 8 1 a</b>	<b>3 0 3 6 5 a</b>		
			<b>3 0 3 1 0 a</b>	<b>3 0 3 1 0 a</b>	<b>3 0 3 4 0 a</b>					
		Imperial	2253		-	-	-	-	<b>New</b>	
	<b>3 0 3 9 5 a</b>	<b>3 0 3 3 0 a</b>	<b>3 0 3 9 8 a</b>							

Indication for molded to width versions

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

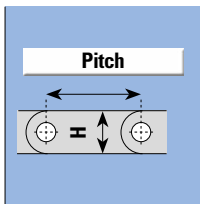
## 3 0 0 1 1 a



### INDEX MODULAR BELTS STRAIGHT RUNNING

FROM 25,4 mm (1") TO 63,5 mm (2 1/2") PITCH

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



For other types of belt go to:

**3 0 0 1 0 a** Index modular belt straight running  
pitch 8 mm (1/3") to 25,4 mm (1")

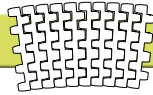
**3 0 0 1 2 a** Index modular belt sideflexing

PITCH mm	H mm	VERSION MODULE	BELT SERIES	FLAT TOP	FLUSH GRID	RUBBER INSERTS	LBP	SPECIAL
25,4 (1")	12,7	Metric	2251					
			<b>3 0 5 5 0 a</b>					
		Imperial	2252					
			<b>3 0 5 5 0 a</b>					
50,8 (2")	12,7	Metric	2502	-	-	-	-	<b>Draining Top</b>  <b>3 0 6 1 7 a</b>
			<b>3 0 6 1 8 a</b>					
	16	Imperial	2500	-	-	-	-	<b>Raised rib</b>  <b>3 0 6 1 0 a</b>
			<b>3 0 6 1 5 a</b>					
	22	Metric	2508	<b>Anti-slip surface</b> 	-	-	-	-
			<b>3 0 6 4 0 a</b>					
63,5 (2 1/2")	30	Metric	2630	<b>Anti-slip surface</b> 	-	-	-	-
			<b>3 0 6 5 0 a</b>					

Indication for molded to width versions

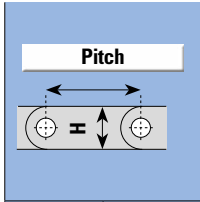
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 0 1 2 a



## INDEX SIDEFLEXING MODULAR BELT

www.SystemPlastSmartGuide.com



For other types of belt go to:

**3 0 0 1 0 a** Index modular belt straight running  
pitch 8 mm (1/3") to 25,4 mm (1")

**3 0 0 1 1 a** Index modular belt straight running  
pitch 25,4 mm (1"), 50,8 mm (2") and 63,5 mm (2 1/2")

PITCH mm	H mm	VERSION MODULE	BELT SERIES	FLAT TOP	FLUSH GRID	RUBBER INSERTS	LBP	SPECIAL
12,7 (1/2")	8,7	Metric	2120	<b>New</b>	-	-	-	-
		<b>3 0 1 6 0 a</b>		<b>3 0 7 2 0 a</b>				
25,4 (1")	8,7	TAB chainbelt	2250 TAB		-	-	-	-
		<b>3 0 7 1 5 a</b>		<b>3 0 7 1 0 a</b>				
		Magnetic chainbelt	2260		<b>New</b>	-	-	-
		<b>3 0 7 1 5 a</b>		<b>3 0 7 0 0 a</b>	<b>3 0 7 0 0 a</b>			
25,4 (1")	12,7	Magnetic chainbelt	2251		-	-	-	-
		<b>3 0 7 1 5 a</b>		<b>3 0 7 0 0 a</b>				
		TAB chainbelt	2251 TAB		-	-	-	-
		<b>3 0 7 1 5 a</b>		<b>3 0 7 1 0 a</b>				
25,4 (1")	12,7	Imperial	2256	-			-	-
		<b>3 0 7 4 0 a</b>		<b>3 0 7 3 0 a</b>	<b>3 0 7 3 5 a</b>			
31,75 (1 1/4")	12,7	Metric	2351 2451 2551 2651	-			-	-
		<b>3 0 7 6 0 a</b>		<b>3 0 7 4 5 a</b>	<b>3 0 7 5 5 a</b>			



Indication for molded to width versions

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

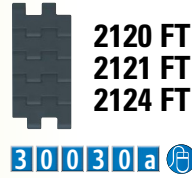
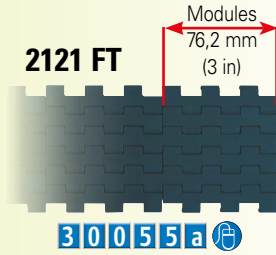
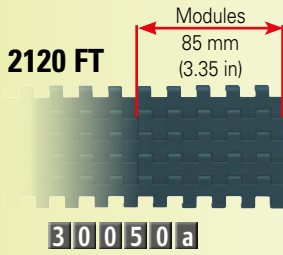
## 3 0 0 2 0 a

### INDEX MODULAR BELTS

www.SystemPlastSmartGuide.com

12,7 mm (½") - THICKNESS: 8,7 mm (0.34 in)

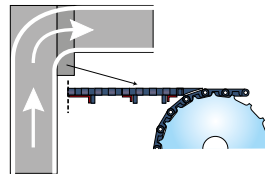
#### FLAT TOP VERSION



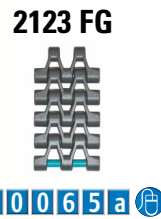
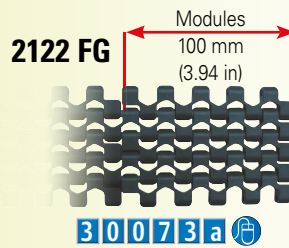
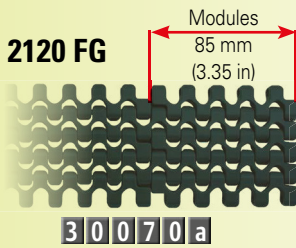
#### FLAT TOP VERSION WITH TRANSFER WING



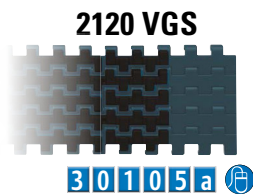
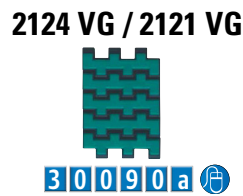
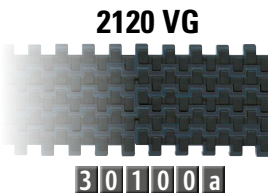
2120 FT  
with transfer wing  
3 0 0 4 5 a



#### FLUSH GRID VERSION



#### VERSIONS WITH RUBBER INSERTS



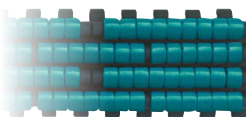
#### VERSIONS WITH ROLLER INSERTS



New

2120 RF  
3 0 1 0 8 a

#### VERSION WITH ACCUMULATION ROLLERS



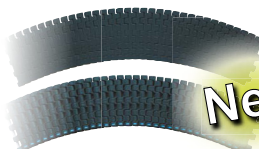
2120 LBP  
3 0 1 1 0 a

#### VERSION WITH GUIDE BARS FOR TRANSFERS



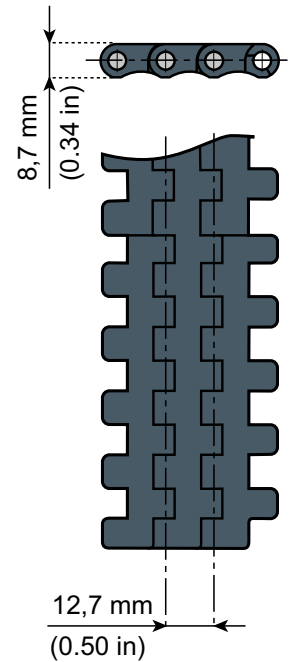
GB 2120  
3 0 1 2 0 a

#### VERSION SIDEFLEXING FOR MAGNETIC CURVES

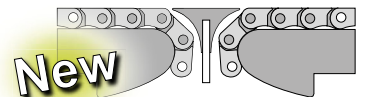


New

2120 M  
FLOWFLEX™ BELTS  
3 0 7 2 0 a



Can be used with a Nose bar to create extremely short transfers.



New

page code: 3 0 1 7 5 a



Information about this product is only available on our Smart Guide® website.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30025a

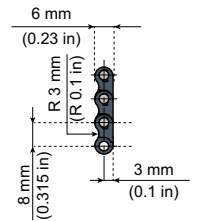
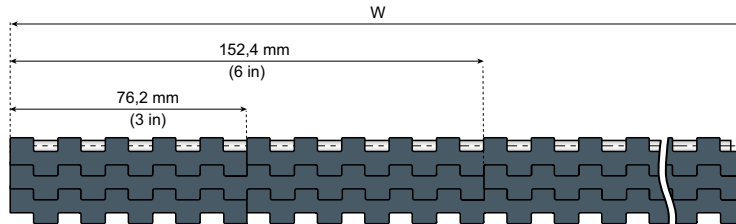
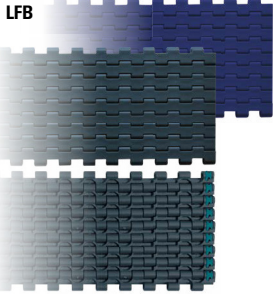
### 8 mm (1/3") MODULAR BELTS 2080 - MICROPITCH

FLAT TOP VERSION

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



# New



#### NG® *evo* conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

**Backflex radius:** 10 mm (0.39 in)

**Max load capacity:** 2500 N/m (1845 lbs/ft.)

**Weight:** 5,5 Kg/m<sup>2</sup> (1.12 lbs/ft<sup>2</sup>.)

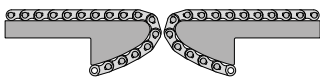
**Pin material:** PBT (white)

#### Standard length:

- width ≤ 15 in: 3,05 m (10 ft.)
- width > 15 in ≤ 66 in: 1,52 m (5 ft.)
- width > 66 in: on request



Can be used with a Nose bar to create extremely short transfers.



page code: **30029a**



Information about this product is only available on our Smart Guide® website.

#### Standard materials

**NGE (GREY BLUE)**

New Generation®

**LFB (BLUE)**

Low friction acetal resin

materials details:



WIDTH W		ITEM DESCRIPTION	
mm	in	NGE (GREY BLUE)	LFB (BLUE)
76	3.00	NGE2080FT-K300	LFB2080FT-K300
152	6.00	NGE2080FT-K600	LFB2080FT-K600
229	9.00	NGE2080FT-K900	LFB2080FT-K900
305	12.00	NGE2080FT-K1200	LFB2080FT-K1200
381	15.00	NGE2080FT-K1500	LFB2080FT-K1500
457	18.00	NGE2080FT-K1800	LFB2080FT-K1800
533	21.00	NGE2080FT-K2100	LFB2080FT-K2100
610	24.00	NGE2080FT-K2400	LFB2080FT-K2400
686	27.00	NGE2080FT-K2700	LFB2080FT-K2700
762	30.00	NGE2080FT-K3000	LFB2080FT-K3000
838	33.00	NGE2080FT-K3300	LFB2080FT-K3300
914	36.00	NGE2080FT-K3600	LFB2080FT-K3600
991	39.00	NGE2080FT-K3900	LFB2080FT-K3900
1067	42.00	NGE2080FT-K4200	LFB2080FT-K4200
1143	45.00	NGE2080FT-K4500	LFB2080FT-K4500
1219	48.00	NGE2080FT-K4800	LFB2080FT-K4800
1295	51.00	NGE2080FT-K5100	LFB2080FT-K5100
1372	54.00	NGE2080FT-K5400	LFB2080FT-K5400
1448	57.00	NGE2080FT-K5700	LFB2080FT-K5700
1524	60.00	NGE2080FT-K6000	LFB2080FT-K6000
1600	63.00	NGE2080FT-K6300	LFB2080FT-K6300
1676	66.00	NGE2080FT-K6600	LFB2080FT-K6600
1753	69.00	NGE2080FT-K6900	LFB2080FT-K6900
1829	72.00	NGE2080FT-K7200	LFB2080FT-K7200
1905	75.00	NGE2080FT-K7500	LFB2080FT-K7500
1981	78.00	NGE2080FT-K7800	LFB2080FT-K7800
2057	81.00	NGE2080FT-K8100	LFB2080FT-K8100
2134	84.00	NGE2080FT-K8400	LFB2080FT-K8400

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30027a

### DRIVE SPROCKETS

FOR BELT 2080

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**Features:**

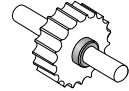
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

Z	Ø OD mm	Ø P mm	S mm
18	45,4	46,1	21
24	60,6	61,3	28
32	81,0	81,6	38
36	90,4	91,8	43,5



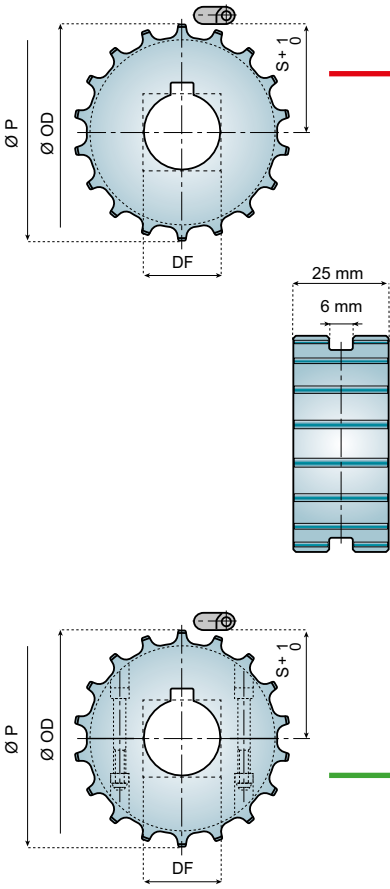
See 8 mm (1/3") pitch belts:

**30025a**



Set collars, go to:

**54630a**



Z	Ø 20	Ø 25	Ø 30
	ITEM DESCRIPTION		
18	2080-18R20M-DM	2080-18R25M-DM	-
24	-	-	2080-24R30M-DM

Z	Ø 20	Ø 25	Ø 30
	ITEM DESCRIPTION		
24	2080-24R20M-DMS	2080-24R25M-DMS	-
32	-	2080-32R25M-DMS	2080-32R30M-DMS
36	-	2080-36R25M-DMS	2080-36R30M-DMS

**Material:** polyamide (natural white).

Z	Ø 20X20	Ø 25X25	Ø 30X30	Ø 40X40
	ITEM DESCRIPTION			
18	2080-18S20M-DM	-	-	-
24	-	-	2080-24S30M-DM	-

Z	Ø 20	Ø 25	Ø 30	Ø 40
	ITEM DESCRIPTION			
24	2080-24S20M-DMS	2080-24S25M-DMS	-	-
32	-	2080-32S25M-DMS	2080-32S30M-DMS	-
36	-	-	2080-36S30M-DMS	2080-36S40M-DMS

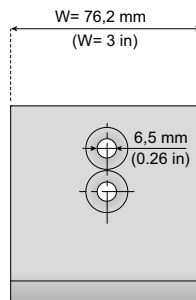
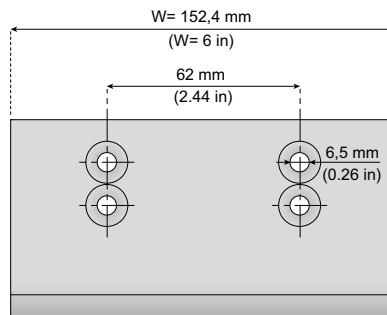
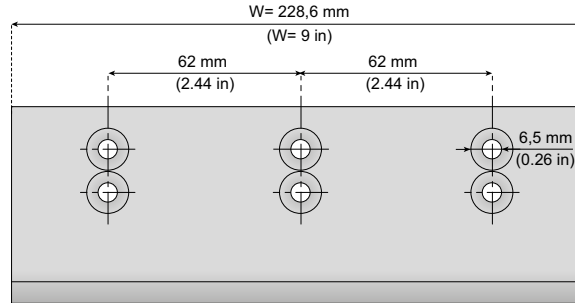
**Material:** polyamide (natural white), screws in stainless steel, nuts in zinc plated steel.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

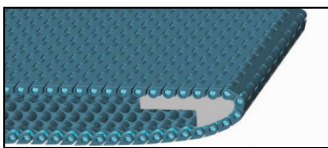
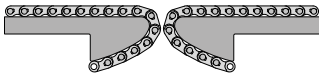
## 30029a

### NOSE BAR FOR 2080 BELTS (1/3" - 8 mm PITCH)

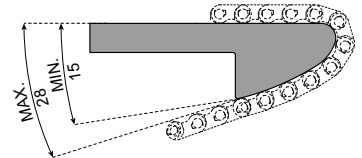
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



Can be used with a Nose bar to create extremely short transfers.

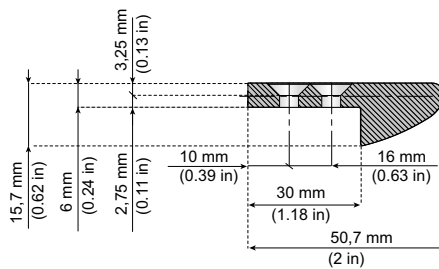


#### Sagline angle



See straight running belts with 1/3" - 8 mm pitch:

**30025a**



# New

**PATENTED**

## SILENT NOSE BAR

ITEM DESCRIPTION	W mm	W in
SNB2080-NS-76H	76,2	3
SNB2080-NS-152H	152,4	6
SNB2080-NS-228H	228,6	9
SNB2080-NS-1200	1200	47,2

#### Note:

1,2 m nose bar is supplied WITHOUT holes

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30030a

## 12,7 mm (½") MODULAR BELTS

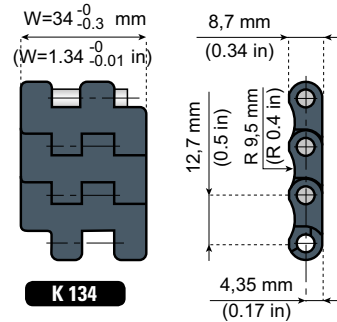
### SINGLE TRACK FLAT TOP

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**New**  
**NG**  
**evo**

**2124 versions: 34 mm (1.34 in) wide**



**K 134**

**NG® evo conveyor components**  
made from **engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**Pin material:** PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
<b>NGE2124FT-K134</b>	<b>NGE</b> Grey Blue	34	1.34	10	0.39	300	65	0,3	0.2

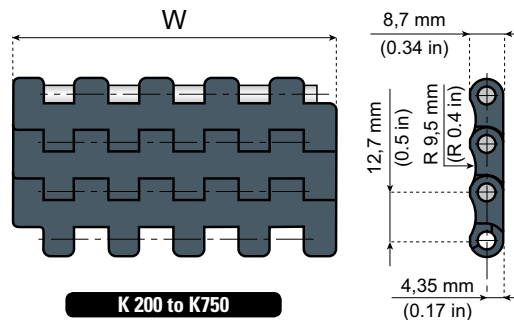


**30165a**

Information about this product is only available on our Smart Guide® website.

**Standard length:** 240 pitches (3,05 m - 10 ft.)

**2120/2121 versions: 51-190,5 mm (2 - 7.5 in) wide**



**K 200 to K750**

**New**  
**NG**  
**evo**

**Pin material:** PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
<b>NGE2121FT-K200</b>	<b>NGE</b> Grey Blue	51	2	10	0.39	680	150	0,45	0.30
<b>NGE2121FT-K300</b>		76,2	3			1370	300	0,7	0.47
<b>NGE2121FT-K325</b>		82,6	3.25			1490	330	0,7	0.47
<b>NGE2120FT-K330</b>		83,8	3.3			1490	330	0,7	0.47
<b>NGE2121FT-K450</b>		114,3	4.5			2060	460	1	0.67
<b>NGE2121FT-K600</b>		152,4	6			2750	610	1,3	0.87
<b>NGE2121FT-K750</b>		190,5	7.50			3430	760	1,7	1.14



**30160a**

**Standard length:** 240 pitches (3,05 m - 10 ft.)

**Notes:**  
Schematic presentation of all flat top 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:

**FG**  
Flush grid

**VG**  
Rubber insert

**RF**  
Roller Flow

**LBP**  
(low pressure)

**GB**  
(Guide bar)

**Sidelflex**

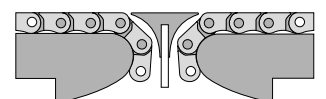


Information about this product is only available on our Smart Guide® website.

**Standard material**  
**NGE (GREY BLUE)**  
New Generation®

materials details:  
**73563a**

Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**





Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

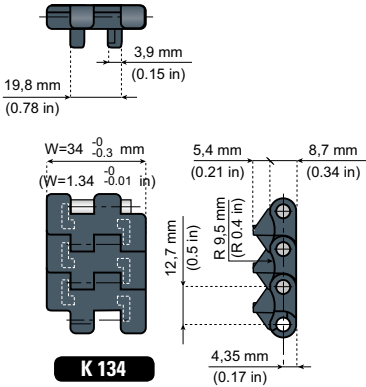
## 30030b

www.SystemPlastSmartGuide.com

### 12,7 mm (½") MODULAR BELTS

#### SINGLE TRACK FLAT TOP WITH POSITIONERS

#### 2124 versions: 34 mm (1.34 in) wide



**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

Pin material: PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2124FT-PT-K134	NGE Grey Blue	34	1.34	10	0.39	300	65	0,3	0.2

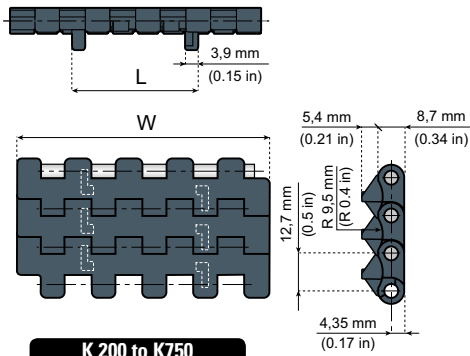


301165a

Information about this product is only available on our Smart Guide® website.

Standard length: 240 pitches (3,05 m - 10 ft.)

#### 2120/2121 versions: 51-190,5 mm (2 & 7.5 in) wide



Pin material: PBT (white)

ITEM DESCRIPTION	MATERIAL	L		WIDTH W		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2121FT-PT-K200	NGE Grey Blue	35,8	1.41	51	2	10	0.39	680	150	0,45	0.3
NGE2121FT-PT-K300		43,1	1.7	76,2	3			1370	300	0,7	0.47
NGE2121FT-PT-K325		43,1	1.7	82,6	3.25			1490	330	0,7	0.47
NGE2120FT-PT-K330		42,1	1.66	83,8	3.3			1490	330	0,7	0.47
NGE2121FT-PT-K450		43,1	1.7	114,3	4.5			2060	460	1	0.67
NGE2121FT-PT-K600		43,1	1.7	152,4	6			2750	610	1,3	0.87
NGE2121FT-PT-K750		43,1	1.7	190,5	7.5			3430	760	1,7	1.14



301160a

Standard length: 240 pitches (3,05 m - 10 ft.)

Notes:  
Schematic presentation of all flat top 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:

- FG Flush grid**
- VG Rubber insert**
- RF Roller Flow**
- LBP (low pressure)**
- GB (Guide bar)**
- Sideflex**

Standard material  
**NGE (GREY BLUE)**  
New Generation®

materials details:  
73563a



Information about this product is only available on our Smart Guide® website.

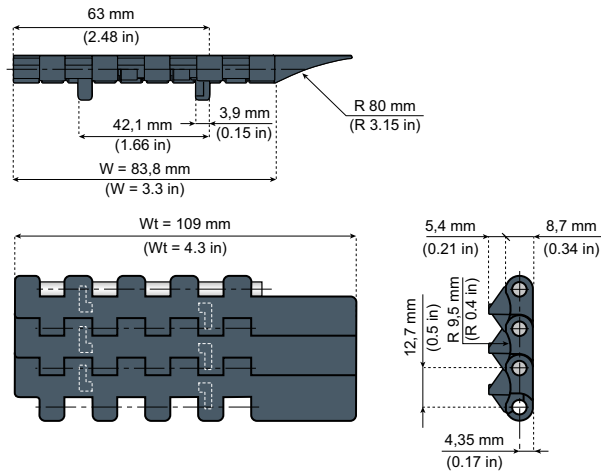
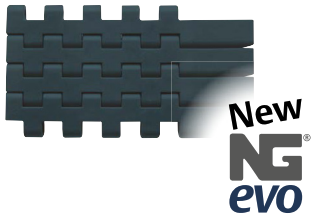
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30045a

## 12,7 mm (½") 2120 WITH TRANSFER WING

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### Single track



**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance

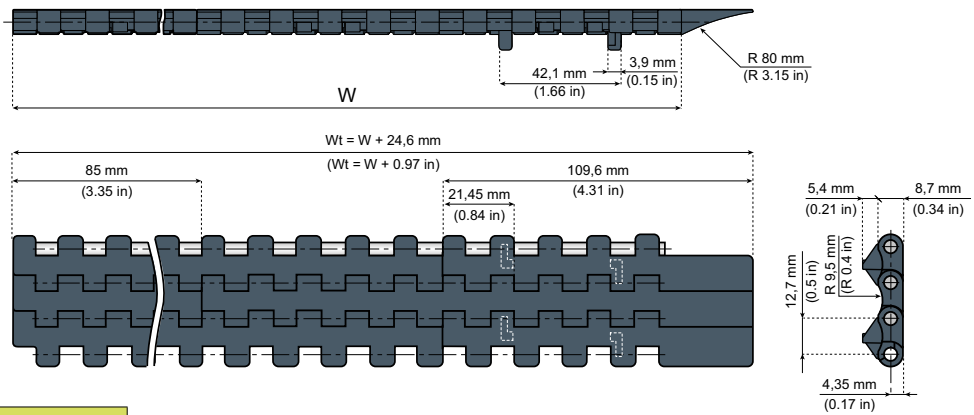
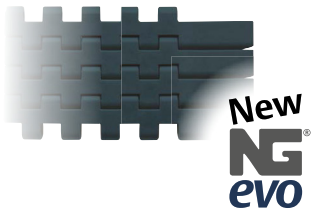
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**Pin material:** PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2120FT-PT-K330T	NGE Grey Blue	83,8	3.3	12,7	0.5	15	0.59	1490	330	0,9	0.6

**Standard length:** 240 pitches (3,05 m - 10 ft.)

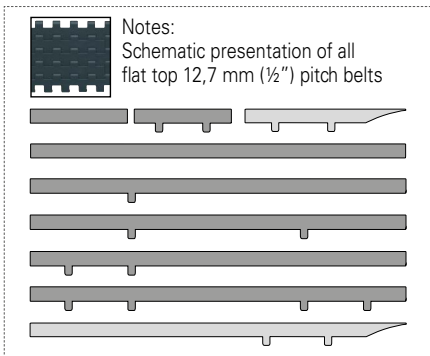
### Wider versions



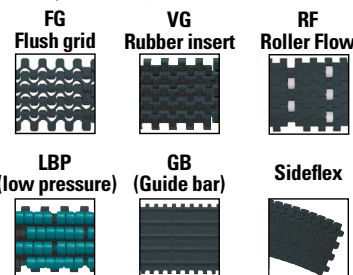
WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120FT-PT-M0085T
170	6.69	NGE2120FT-PT-M0170T
255	10.04	NGE2120FT-PT-M0255T
340	13.39	NGE2120FT-PT-M0340T
425	16.73	NGE2120FT-PT-M0425T
510	20.08	NGE2120FT-PT-M0510T

**Backflex radius:** 15 mm (0.59 in)  
**Max load capacity:** 18000 N/m (1260 lbs/ft.)  
**Weight:** 8,6 Kg/m<sup>2</sup> (1.75 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in): 1,52 m (5 ft.)

Other widths available on request.



Other versions for 12,7 mm (½") belts:



30160a

Standard material

NGE (GREY BLUE)

New Generation®

materials details:

73563a



Information about this product is only available on our Smart Guide® website.

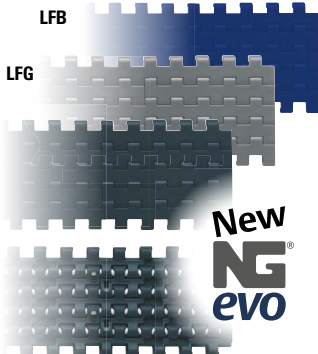
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 0 5 0 a

### 12,7 mm (½") MODULAR BELTS 2120

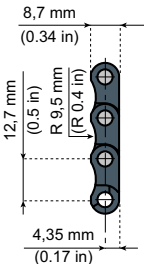
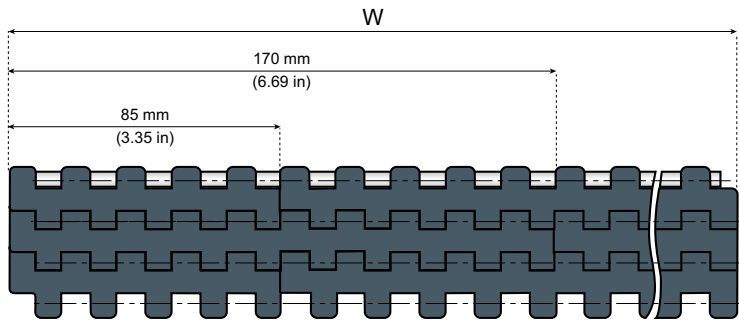
FLAT TOP VERSION

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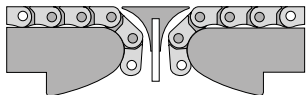
New  
**NG**  
**evo**

**NG® evo** conveyor components made from engineered plastic resin  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....



**Backflex radius:** 10 mm (0.39 in)  
**Max load capacity (LFG & LFB):** 20000 N/m (1400 lbs/ft.)  
**Weight:** 8,6 Kg/m<sup>2</sup> (1.75 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**  
 width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request

Can be used with a Nose bar to create extremely short transfers.



page code: **3 0 1 7 5 a**

**Standard materials**

NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
New Generation®	Low friction acetal resin	

materials details:

**7 3 5 1 6 3 a**

Notes:  
Schematic presentation of all flat top 12,7 mm (½") pitch belts

**3 0 1 6 0 a**



Information about this product is only available on our Smart Guide® website.

Other versions for 12,7 mm (½") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>

Also available with 3 in (76,2 mm) modules. Go to:

**3 0 0 5 5 a**

WIDTH W		ITEM DESCRIPTION		
mm	in	NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
85	3.35	NGE2120FT-M0085	LFG2120FT-M0085	LFB2120FT-M0085
170	6.69	NGE2120FT-M0170	LFG2120FT-M0170	LFB2120FT-M0170
255	10.04	NGE2120FT-M0255	LFG2120FT-M0255	LFB2120FT-M0255
340	13.39	NGE2120FT-M0340	LFG2120FT-M0340	LFB2120FT-M0340
425	16.73	NGE2120FT-M0425	LFG2120FT-M0425	LFB2120FT-M0425
510	20.08	NGE2120FT-M0510	LFG2120FT-M0510	LFB2120FT-M0510
595	23.43	NGE2120FT-M0595	LFG2120FT-M0595	LFB2120FT-M0595
680	26.77	NGE2120FT-M0680	LFG2120FT-M0680	LFB2120FT-M0680
765	30.12	NGE2120FT-M0765	LFG2120FT-M0765	LFB2120FT-M0765
850	33.46	NGE2120FT-M0850	LFG2120FT-M0850	LFB2120FT-M0850
935	36.81	NGE2120FT-M0935	LFG2120FT-M0935	LFB2120FT-M0935
1020	40.16	NGE2120FT-M1020	LFG2120FT-M1020	LFB2120FT-M1020
1105	43.50	NGE2120FT-M1105	LFG2120FT-M1105	LFB2120FT-M1105
1190	46.85	NGE2120FT-M1190	LFG2120FT-M1190	LFB2120FT-M1190
1275	50.20	NGE2120FT-M1275	LFG2120FT-M1275	LFB2120FT-M1275
1360	53.54	NGE2120FT-M1360	LFG2120FT-M1360	LFB2120FT-M1360
1445	56.89	NGE2120FT-M1445	LFG2120FT-M1445	LFB2120FT-M1445
1530	60.24	NGE2120FT-M1530	LFG2120FT-M1530	LFB2120FT-M1530
1615	63.58	NGE2120FT-M1615	LFG2120FT-M1615	LFB2120FT-M1615
1700	66.93	NGE2120FT-M1700	LFG2120FT-M1700	LFB2120FT-M1700
1785	70.28	NGE2120FT-M1785	LFG2120FT-M1785	LFB2120FT-M1785
1870	73.62	NGE2120FT-M1870	LFG2120FT-M1870	LFB2120FT-M1870
1955	76.97	NGE2120FT-M1955	LFG2120FT-M1955	LFB2120FT-M1955
2040	80.31	NGE2120FT-M2040	LFG2120FT-M2040	LFB2120FT-M2040
2125	83.66	NGE2120FT-M2125	LFG2120FT-M2125	LFB2120FT-M2125
2210	87.01	NGE2120FT-M2210	LFG2120FT-M2210	LFB2120FT-M2210
2295	90.35	NGE2120FT-M2295	LFG2120FT-M2295	LFB2120FT-M2295

Other widths available on request.

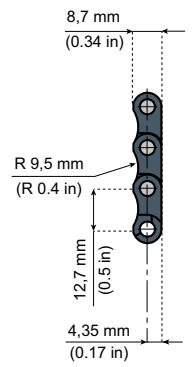
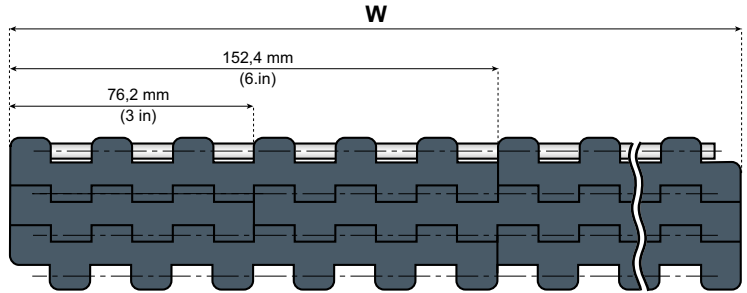
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 0 5 5 a

### 12,7 mm (½") MODULAR BELTS 2121

www.SystemPlastSmartGuide.com

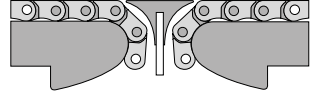
FLAT TOP VERSION - 76,2 mm (3") MODULES



**NG® evo conveyor components**  
 made from engineered plastic resin  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

- Backflex radius:** 10 mm (0.4 in)
- Max load capacity:** 18000 N/m (1260 lbs/ft.)
- Weight:** 8,8 Kg/m<sup>2</sup> (1.8 lbs/ft.<sup>2</sup>)
- Pin material:** POM (grey)
- Standard length:**
  - width ≤ 15 in: 3,05 m (10 ft.)
  - width > 15 in ≤ 66 in: 1,52 m (5 ft.)
  - width > 66 in: on request

Can be used with a Nose bar to create extremely short transfers.



page code: **3 0 1 7 5 a**

Notes:  
Schematic presentation of all flat top 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>

**3 0 1 6 0 a**

85 mm (3.35 in)

Also available with 85 mm (3.35 in) modules. Go to: **3 0 0 5 0 a**



Information about this product is only available on our Smart Guide® website.

**Standard material**  
**NGE (GREY BLUE)**  
 New Generation®

materials details:  
**7 3 5 6 3 a**

WIDTH W		ITEM DESCRIPTION
mm	in	
76	3.00	Go to: <b>3 0 0 3 0 a</b>
152	6.00	
229	9.00	<b>NGE2121FT-K900</b>
305	12.00	<b>NGE2121FT-K1200</b>
381	15.00	<b>NGE2121FT-K1500</b>
457	18.00	<b>NGE2121FT-K1800</b>
533	21.00	<b>NGE2121FT-K2100</b>
610	24.00	<b>NGE2121FT-K2400</b>
686	27.00	<b>NGE2121FT-K2700</b>
762	30.00	<b>NGE2121FT-K3000</b>
838	33.00	<b>NGE2121FT-K3300</b>
914	36.00	<b>NGE2121FT-K3600</b>
991	39.00	<b>NGE2121FT-K3900</b>
1067	42.00	<b>NGE2121FT-K4200</b>
1143	45.00	<b>NGE2121FT-K4500</b>
1219	48.00	<b>NGE2121FT-K4800</b>
1295	51.00	<b>NGE2121FT-K5100</b>
1372	54.00	<b>NGE2121FT-K5400</b>
1448	57.00	<b>NGE2121FT-K5700</b>
1524	60.00	<b>NGE2121FT-K6000</b>
1600	63.00	<b>NGE2121FT-K6300</b>
1676	66.00	<b>NGE2121FT-K6600</b>
1753	69.00	<b>NGE2121FT-K6900</b>
1829	72.00	<b>NGE2121FT-K7200</b>
1905	75.00	<b>NGE2121FT-K7500</b>
1981	78.00	<b>NGE2121FT-K7800</b>
2057	81.00	<b>NGE2121FT-K8100</b>
2134	84.00	<b>NGE2121FT-K8400</b>

Other widths available on request.

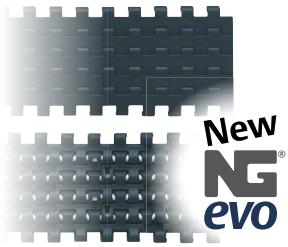
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30060a

### 12,7 mm (½") MODULAR BELTS 2120

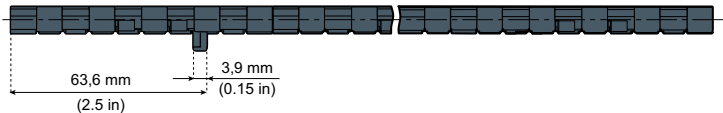
FLAT TOP VERSION WITH POSITIONERS

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

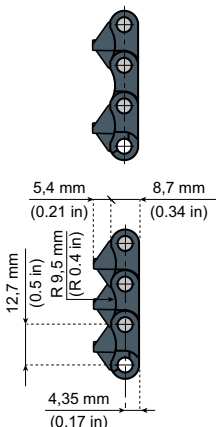
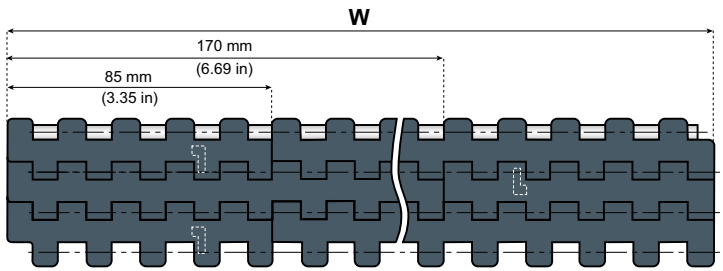


**NG® evo conveyor components**  
 made from engineered plastic resin  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

#### 2120 FT-P



#### 2120 FT-P2



**Backflex radius:** 10 mm (0.4 in)  
**Max load capacity:** 20000 N/m (1400 lbs/ft.)  
**Weight:** 8,6 Kg/m<sup>2</sup> (1.75 lbs/ft<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**  
 width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request

Notes:  
 Schematic presentation of all flat top 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>



Information about this product is only available on our Smart Guide® website.

**Standard material**  
**NGE (GREY BLUE)**  
 New Generation®  
 materials details:  
**73563a**

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2120FT-P-M0085	-
170	6.69	NGE2120FT-P-M0170	NGE2120FT-P2-M0170
255	10.04	NGE2120FT-P-M0255	NGE2120FT-P2-M0255
340	13.39	NGE2120FT-P-M0340	NGE2120FT-P2-M0340
425	16.73	NGE2120FT-P-M0425	NGE2120FT-P2-M0425
510	20.08	NGE2120FT-P-M0510	NGE2120FT-P2-M0510
595	23.43	NGE2120FT-P-M0595	NGE2120FT-P2-M0595
680	26.77	NGE2120FT-P-M0680	NGE2120FT-P2-M0680
765	30.12	NGE2120FT-P-M0765	NGE2120FT-P2-M0765
850	33.46	NGE2120FT-P-M0850	NGE2120FT-P2-M0850
935	36.81	NGE2120FT-P-M0935	NGE2120FT-P2-M0935
1020	40.16	NGE2120FT-P-M1020	NGE2120FT-P2-M1020
1105	43.50	NGE2120FT-P-M1105	NGE2120FT-P2-M1105
1190	46.85	NGE2120FT-P-M1190	NGE2120FT-P2-M1190
1275	50.20	NGE2120FT-P-M1275	NGE2120FT-P2-M1275
1360	53.54	NGE2120FT-P-M1360	NGE2120FT-P2-M1360
1445	56.89	NGE2120FT-P-M1445	NGE2120FT-P2-M1445
1530	60.24	NGE2120FT-P-M1530	NGE2120FT-P2-M1530
1615	63.58	NGE2120FT-P-M1615	NGE2120FT-P2-M1615
1700	66.93	NGE2120FT-P-M1700	NGE2120FT-P2-M1700
1785	70.28	NGE2120FT-P-M1785	NGE2120FT-P2-M1785
1870	73.62	NGE2120FT-P-M1870	NGE2120FT-P2-M1870

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30060b

www.SystemPlastSmartGuide.com

### 12,7 mm (½") MODULAR BELTS 2120

#### FLAT TOP VERSION WITH TWIN POSITIONERS

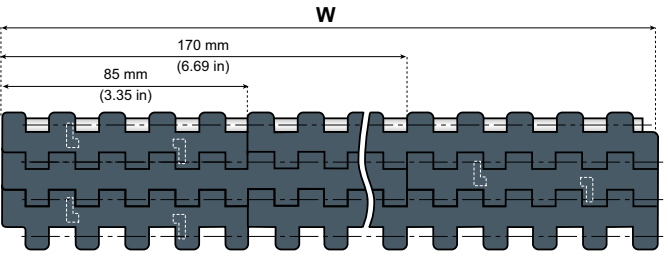
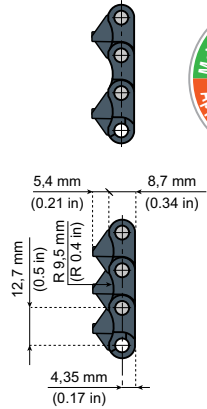
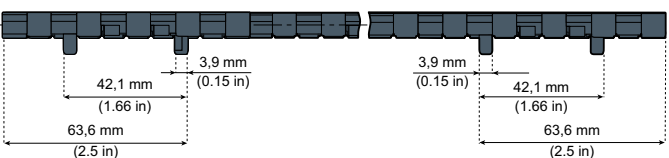


**NG® evo** conveyor components  
made from **engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

#### 2120 FT-PT



#### 2120FT-PT2



- Backflex radius:** 10 mm (0.4 in)
- Max load capacity (LFG):** 20000 N/m (1400 lbs/ft.)
- Weight:** 8,6 Kg/m<sup>2</sup> (1.75 lbs/ft<sup>2</sup>.)
- Pin material:** PBT (white)
- Standard length:**
  - width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)
  - width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)
  - width > 1700 mm (66.93 in): on request

Other versions for 12,7 mm (½") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>

Notes:  
Schematic presentation of all flat top 12,7 mm (½") pitch belts

## 30160a

Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

**LFG (GREY)**

Low friction acetal resin

materials details:  
**73563a**

WIDTH W		ITEM DESCRIPTION	
mm	in	NGE (GREY BLUE)	LFG (GREY)
85	3.35	NGE2120FT-PT-M0085	LFG2120FT-PT-M0085
170	6.69	NGE2120FT-PT-M0170	LFG2120FT-PT-M0170
255	10.04	NGE2120FT-PT-M0255	LFG2120FT-PT-M0255
340	13.39	NGE2120FT-PT-M0340	LFG2120FT-PT-M0340
425	16.73	NGE2120FT-PT-M0425	LFG2120FT-PT-M0425
510	20.08	NGE2120FT-PT-M0510	LFG2120FT-PT-M0510
595	23.43	NGE2120FT-PT-M0595	LFG2120FT-PT-M0595
680	26.77	NGE2120FT-PT-M0680	LFG2120FT-PT-M0680
765	30.12	NGE2120FT-PT-M0765	LFG2120FT-PT-M0765
850	33.46	NGE2120FT-PT-M0850	LFG2120FT-PT-M0850
935	36.81	NGE2120FT-PT-M0935	LFG2120FT-PT-M0935
1020	40.16	NGE2120FT-PT-M1020	LFG2120FT-PT-M1020
1105	43.50	NGE2120FT-PT-M1105	LFG2120FT-PT-M1105
1190	46.85	NGE2120FT-PT-M1190	LFG2120FT-PT-M1190
1275	50.20	NGE2120FT-PT-M1275	LFG2120FT-PT-M1275
1360	53.54	NGE2120FT-PT-M1360	LFG2120FT-PT-M1360
1445	56.89	NGE2120FT-PT-M1445	LFG2120FT-PT-M1445
1530	60.24	NGE2120FT-PT-M1530	LFG2120FT-PT-M1530
1615	63.58	NGE2120FT-PT-M1615	LFG2120FT-PT-M1615
1700	66.93	NGE2120FT-PT-M1700	LFG2120FT-PT-M1700
1785	70.28	NGE2120FT-PT-M1785	LFG2120FT-PT-M1785
1870	73.62	NGE2120FT-PT-M1870	LFG2120FT-PT-M1870

ITEM DESCRIPTION	
NGE (GREY BLUE)	LFG (GREY)
-	-
NGE2120FT-PT2-M0170	LFG2120FT-PT2-M0170
NGE2120FT-PT2-M0255	LFG2120FT-PT2-M0255
NGE2120FT-PT2-M0340	LFG2120FT-PT2-M0340
NGE2120FT-PT2-M0425	LFG2120FT-PT2-M0425
NGE2120FT-PT2-M0510	LFG2120FT-PT2-M0510
NGE2120FT-PT2-M0595	LFG2120FT-PT2-M0595
NGE2120FT-PT2-M0680	LFG2120FT-PT2-M0680
NGE2120FT-PT2-M0765	LFG2120FT-PT2-M0765
NGE2120FT-PT2-M0850	LFG2120FT-PT2-M0850
NGE2120FT-PT2-M0935	LFG2120FT-PT2-M0935
NGE2120FT-PT2-M1020	LFG2120FT-PT2-M1020
NGE2120FT-PT2-M1105	LFG2120FT-PT2-M1105
NGE2120FT-PT2-M1190	LFG2120FT-PT2-M1190
NGE2120FT-PT2-M1275	LFG2120FT-PT2-M1275
NGE2120FT-PT2-M1360	LFG2120FT-PT2-M1360
NGE2120FT-PT2-M1445	LFG2120FT-PT2-M1445
NGE2120FT-PT2-M1530	LFG2120FT-PT2-M1530
NGE2120FT-PT2-M1615	LFG2120FT-PT2-M1615
NGE2120FT-PT2-M1700	LFG2120FT-PT2-M1700
NGE2120FT-PT2-M1785	LFG2120FT-PT2-M1785
NGE2120FT-PT2-M1870	LFG2120FT-PT2-M1870

Other widths available on request.

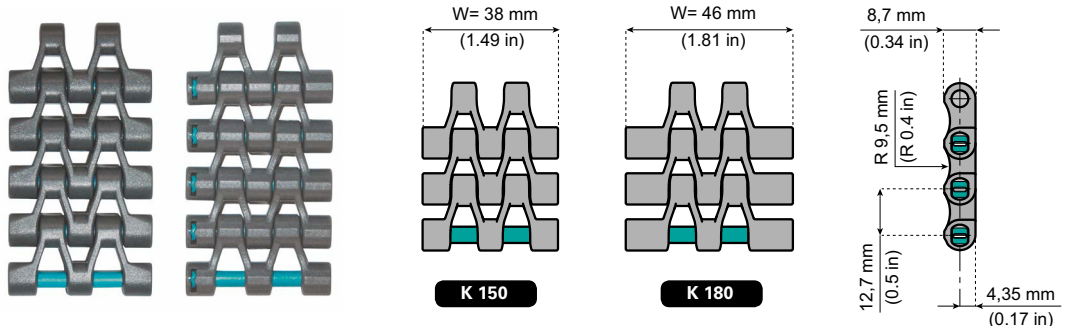
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30065a

### 12,7 mm (½") MODULAR BELTS

#### SINGLE TRACK FLUSH GRID

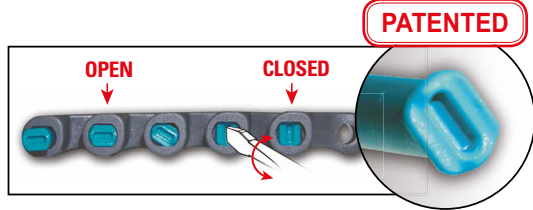
www.SystemPlastSmartGuide.com



Information about this product is only available on our Smart Guide® website.

**Standard material**

<b>LFG (GREY)</b>
Low friction acetal resin



Pin material: PBT (water blue)

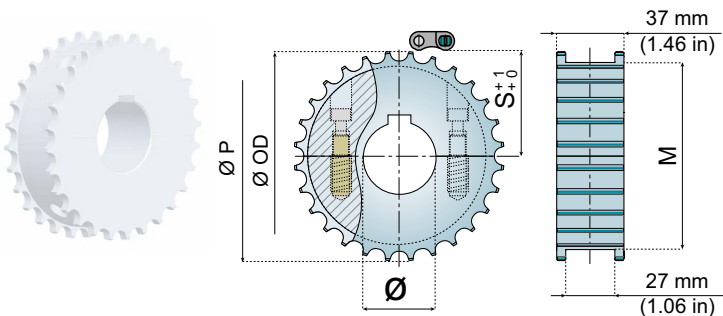
materials details:  
**73563a**

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX WORKING LOAD		WEIGHT		OPEN SURFACE
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.	
LFG2123FG-K150	LFG	38	1.5	12,7	0.50	10	0.39	440	95	0,26	0.17	24,4%
LFG2123FG-K180	Grey	46	1.8	12,7	0.50	10	0.39	440	95	0,29	0.19	25,6%

Standard length: 240 pitches (3,05 m - 10 ft.)

### DRIVE AND RETURN SPROCKETS

#### FOR BELT 2123 FG



Set collars, go to:  
**54630a**

Z	Ø OD		Ø P		M		S	
	mm	in	mm	in	mm	in	mm	in
28	115,4	4.54	115,4	4.54	103	4.06	61,7	2.43

**MACHINED DRIVE SPROCKETS - SPLIT FIXED**

Ø 30 mm (1.18 in)	Ø 40 mm (1.57 in)
ITEM DESCRIPTION	ITEM DESCRIPTION
2123-28R30M-DMS	2123-28R40M-DMS

**MACHINED RETURN SPROCKETS - SPLIT**

Ø 30 mm (1.18 in)	Ø 40 mm (1.57 in)
ITEM DESCRIPTION	ITEM DESCRIPTION
2123-28R30M-RMS	2123-28R40M-RMS

Material: polyamide (natural white), screws in stainless steel, bushings in brass.

**Notes:**  
Schematic presentation of all flush grid 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:

<b>FT</b> Flat top	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>

**New design**  
**30990a**

- Features:**
- Very high strength.
  - Split versions: quick and easy replacement.
  - Foolproof design.
  - Completely closed structure, easy to clean and to disinfect.
  - Excellent wear and chemical resistance.
  - Recyclable.

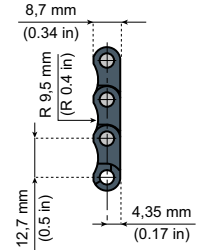
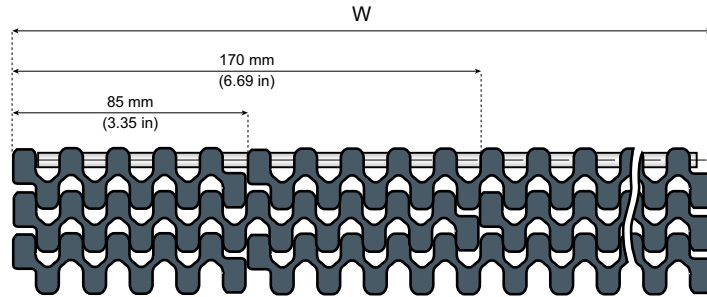
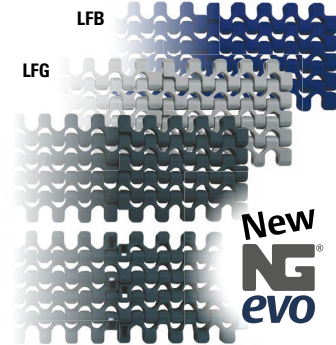
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30070a

www.SystemPlastSmartGuide.com

### 12,7 mm (½") MODULAR BELTS 2120

FLUSH GRID VERSION - 85 mm (3.35 in) MODULES



**NG® evo** conveyor components  
made from engineered plastic resin  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**Backflex radius:** 10 mm (0.39 in)

**Max load capacity (LFG & LFB):** 20000 N/m (1400 lbs/ft.)

**Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft<sup>2</sup>.)

**Pin material:** PBT (white)

**Standard length:**

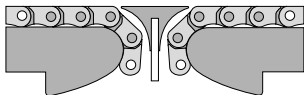
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request

**Open surface: 21%**

Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**

Notes:  
Schematic presentation of all flush grid 12,7 mm (½") pitch belts

**30160a**



Information about this product is only available on our Smart Guide® website.

Other versions for 12,7 mm (½") belts:

<b>FT</b> Flat top	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>

100 mm (3.94 in)

Also available with 100 mm (3.94 in) modules. Go to: **30073a**

**Standard materials**

NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
New Generation®	Low friction acetal resin	

materials details:

**73563a**

WIDTH W		ITEM DESCRIPTION		
mm	in	NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
85	3.35	NGE2120FG-M0085	LFG2120FG-M0085	LFB2120FG-M0085
170	6.69	NGE2120FG-M0170	LFG2120FG-M0170	LFB2120FG-M0170
255	10.04	NGE2120FG-M0255	LFG2120FG-M0255	LFB2120FG-M0255
340	13.39	NGE2120FG-M0340	LFG2120FG-M0340	LFB2120FG-M0340
425	16.73	NGE2120FG-M0425	LFG2120FG-M0425	LFB2120FG-M0425
510	20.08	NGE2120FG-M0510	LFG2120FG-M0510	LFB2120FG-M0510
595	23.43	NGE2120FG-M0595	LFG2120FG-M0595	LFB2120FG-M0595
680	26.77	NGE2120FG-M0680	LFG2120FG-M0680	LFB2120FG-M0680
765	30.12	NGE2120FG-M0765	LFG2120FG-M0765	LFB2120FG-M0765
850	33.46	NGE2120FG-M0850	LFG2120FG-M0850	LFB2120FG-M0850
935	36.81	NGE2120FG-M0935	LFG2120FG-M0935	LFB2120FG-M0935
1020	40.16	NGE2120FG-M1020	LFG2120FG-M1020	LFB2120FG-M1020
1105	43.50	NGE2120FG-M1105	LFG2120FG-M1105	LFB2120FG-M1105
1190	46.85	NGE2120FG-M1190	LFG2120FG-M1190	LFB2120FG-M1190
1275	50.20	NGE2120FG-M1275	LFG2120FG-M1275	LFB2120FG-M1275
1360	53.54	NGE2120FG-M1360	LFG2120FG-M1360	LFB2120FG-M1360
1445	56.89	NGE2120FG-M1445	LFG2120FG-M1445	LFB2120FG-M1445
1530	60.24	NGE2120FG-M1530	LFG2120FG-M1530	LFB2120FG-M1530
1615	63.58	NGE2120FG-M1615	LFG2120FG-M1615	LFB2120FG-M1615
1700	66.93	NGE2120FG-M1700	LFG2120FG-M1700	LFB2120FG-M1700
1785	70.28	NGE2120FG-M1785	LFG2120FG-M1785	LFB2120FG-M1785
1870	73.62	NGE2120FG-M1870	LFG2120FG-M1870	LFB2120FG-M1870
1955	76.97	NGE2120FG-M1955	LFG2120FG-M1955	LFB2120FG-M1955
2040	80.31	NGE2120FG-M2040	LFG2120FG-M2040	LFB2120FG-M2040
2125	83.66	NGE2120FG-M2125	LFG2120FG-M2125	LFB2120FG-M2125
2210	87.01	NGE2120FG-M2210	LFG2120FG-M2210	LFB2120FG-M2210
2295	90.35	NGE2120FG-M2295	LFG2120FG-M2295	LFB2120FG-M2295

Other widths available on request.



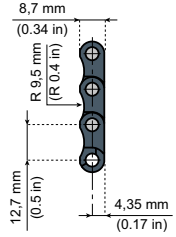
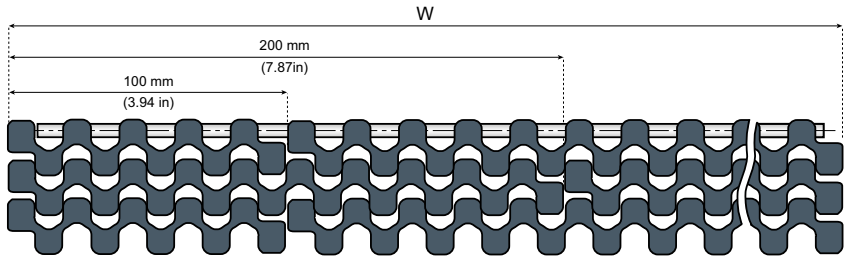
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30073a

### 12,7 mm (½") MODULAR BELTS 2122

FLUSH GRID VERSION - 100 mm MODULES (3.94 in)

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

- Backflex radius:** 10 mm (0.39 in)
- Max load capacity:** 18000 N/m (1260 lbs/ft.)
- Weight:** 6,8 Kg/m<sup>2</sup> (1.39 lbs/ft<sup>2</sup>.)
- Pin material:** PBT (white)
- Standard length:**  
 width ≤ 400 mm (15.75 in): 3,05 m (10 ft.)  
 width > 400 mm (15.75 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request
- Open surface:** 21%.
- 2122 FG belts are similar to 2120FG belts. The difference is the width of the modules.**
- Standard increments are 100 mm (3.94 in).**
- Special widths can be created on request in steps of 20 mm (0.79 in).**



Also available with 85 mm (3.35 in) modules. Go to:

**30070a**

Information about this product is only available on our Smart Guide® website.

**Standard material**  
**NGE (GREY BLUE)**  
 New Generation®  
 materials details:  
**73563a**

Can be used with a Nose bar to create extremely short transfers.

page code: **30175a**

WIDTH W		ITEM DESCRIPTION
mm	in	
100	3.94	NGE2122FG-M0100
200	7.87	NGE2122FG-M0200
300	11.81	NGE2122FG-M0300
400	15.75	NGE2122FG-M0400
500	19.69	NGE2122FG-M0500
600	23.62	NGE2122FG-M0600
700	27.56	NGE2122FG-M0700
800	31.50	NGE2122FG-M0800
900	35.43	NGE2122FG-M0900
1000	39.37	NGE2122FG-M1000
1100	43.30	NGE2122FG-M1100
1200	47.24	NGE2122FG-M1200
1300	51.18	NGE2122FG-M1300
1400	55.12	NGE2122FG-M1400
1500	59.06	NGE2122FG-M1500
1600	62.99	NGE2122FG-M1600
1700	66.93	NGE2122FG-M1700
1800	70.87	NGE2122FG-M1800
1900	74.80	NGE2122FG-M1900
2000	78.74	NGE2122FG-M2000
2100	82.68	NGE2122FG-M2100

Notes:  
 Schematic presentation of all flush grid 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:

<b>FT</b> Flat top	<b>VG</b> Rubber insert	<b>RF</b> Roller Flow
<b>LBP</b> (low pressure)	<b>GB</b> (Guide bar)	<b>Sideflex</b>

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30075a

### 12,7 mm (1/2") MODULAR BELTS 2120

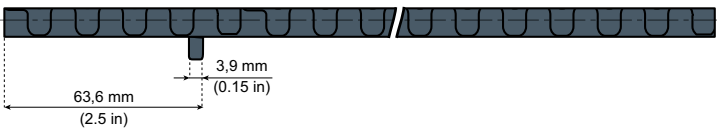
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FLUSH GRID VERSION WITH POSITIONERS

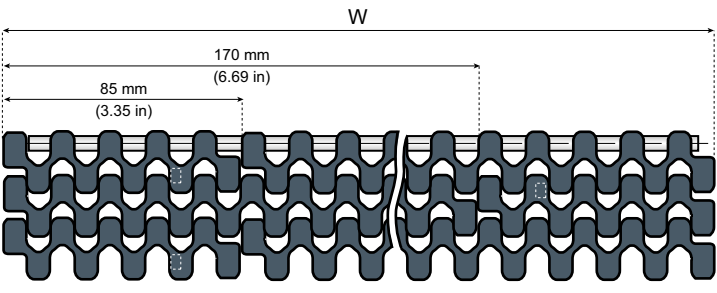
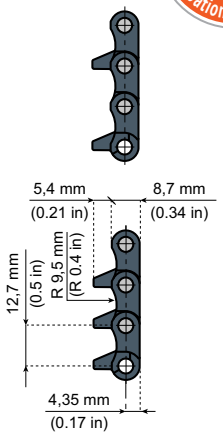
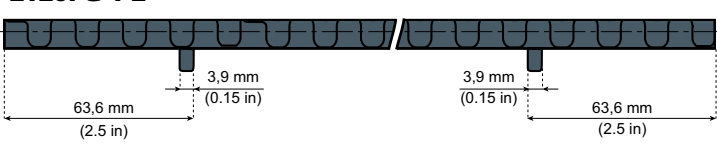


New  
**NG evo**

#### 2120FG-P



#### 2120FG-P2



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

- Backflex radius:** 10 mm (0.39 in)
- Max load capacity:** 18000 N/m (1260 lbs/ft.)
- Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft<sup>2</sup>.)
- Pin material:** PBT (white)
- Standard length:**
  - width ≤ 340 mm (13.39 in) : 3,05 m (10 ft.)
  - width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)
  - width > 1700 mm (66.93 in) : on request
- Open surface:** 21%

**Notes:**  
Schematic presentation of all flush grid 12,7 mm (1/2") pitch belts

**Other versions for 12,7 mm (1/2") belts:**

- FT Flat top**
- VG Rubber insert**
- RF Roller Flow**
- LBP (low pressure)**
- GB (Guide bar)**
- Sideflex**



Information about this product is only available on our Smart Guide® website.

**Standard material**  
**NGE (GREY BLUE)**  
 New Generation®

materials details:  
**73563a**

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2120FG-P-M0085	-
170	6.69	NGE2120FG-P-M0170	NGE2120FG-P2-M0170
255	10.04	NGE2120FG-P-M0255	NGE2120FG-P2-M0255
340	13.39	NGE2120FG-P-M0340	NGE2120FG-P2-M0340
425	16.73	NGE2120FG-P-M0425	NGE2120FG-P2-M0425
510	20.08	NGE2120FG-P-M0510	NGE2120FG-P2-M0510
595	23.43	NGE2120FG-P-M0595	NGE2120FG-P2-M0595
680	26.77	NGE2120FG-P-M0680	NGE2120FG-P2-M0680
765	30.12	NGE2120FG-P-M0765	NGE2120FG-P2-M0765
850	33.46	NGE2120FG-P-M0850	NGE2120FG-P2-M0850
935	36.81	NGE2120FG-P-M0935	NGE2120FG-P2-M0935
1020	40.16	NGE2120FG-P-M1020	NGE2120FG-P2-M1020
1105	43.50	NGE2120FG-P-M1105	NGE2120FG-P2-M1105
1190	46.85	NGE2120FG-P-M1190	NGE2120FG-P2-M1190
1275	50.20	NGE2120FG-P-M1275	NGE2120FG-P2-M1275
1360	53.54	NGE2120FG-P-M1360	NGE2120FG-P2-M1360
1445	56.89	NGE2120FG-P-M1445	NGE2120FG-P2-M1445
1530	60.24	NGE2120FG-P-M1530	NGE2120FG-P2-M1530
1615	63.58	NGE2120FG-P-M1615	NGE2120FG-P2-M1615
1700	66.93	NGE2120FG-P-M1700	NGE2120FG-P2-M1700
1785	70.28	NGE2120FG-P-M1785	NGE2120FG-P2-M1785
1870	73.62	NGE2120FG-P-M1870	NGE2120FG-P2-M1870

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 0 7 5 b

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## 12,7 mm (½") MODULAR BELTS 2120

### FLUSH GRID VERSION WITH TWIN POSITIONERS

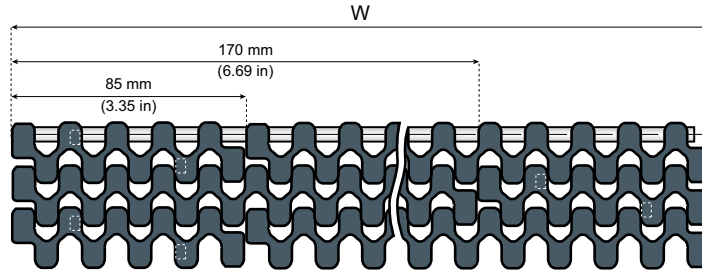
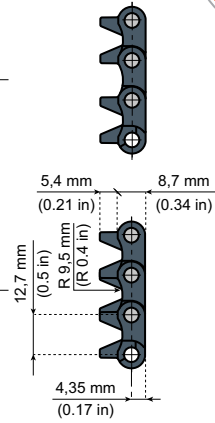


**NG® evo conveyor components**  
**made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

### 2120FG-PT



### 2120FG-PT2



**Backflex radius:** 10 mm (0.39 in)

**Max load capacity:** 18000 N/m (1260 lbs/ft.)

**Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft<sup>2</sup>.)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

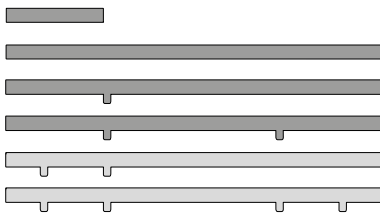
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request

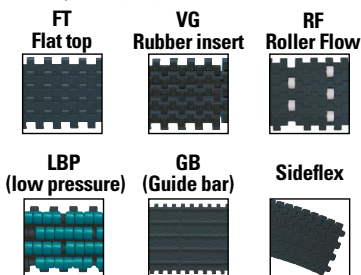
**Open surface:** 21%



Notes:  
 Schematic presentation of all flush grid 12,7 mm (½") pitch belts



Other versions for 12,7 mm (½") belts:



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:



WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2120FG-PT-M0085	-
170	6.69	NGE2120FG-PT-M0170	NGE2120FG-PT2-M0170
255	10.04	NGE2120FG-PT-M0255	NGE2120FG-PT2-M0255
340	13.39	NGE2120FG-PT-M0340	NGE2120FG-PT2-M0340
425	16.73	NGE2120FG-PT-M0425	NGE2120FG-PT2-M0425
510	20.08	NGE2120FG-PT-M0510	NGE2120FG-PT2-M0510
595	23.43	NGE2120FG-PT-M0595	NGE2120FG-PT2-M0595
680	26.77	NGE2120FG-PT-M0680	NGE2120FG-PT2-M0680
765	30.12	NGE2120FG-PT-M0765	NGE2120FG-PT2-M0765
850	33.46	NGE2120FG-PT-M0850	NGE2120FG-PT2-M0850
935	36.81	NGE2120FG-PT-M0935	NGE2120FG-PT2-M0935
1020	40.16	NGE2120FG-PT-M1020	NGE2120FG-PT2-M1020
1105	43.50	NGE2120FG-PT-M1105	NGE2120FG-PT2-M1105
1190	46.85	NGE2120FG-PT-M1190	NGE2120FG-PT2-M1190
1275	50.20	NGE2120FG-PT-M1275	NGE2120FG-PT2-M1275
1360	53.54	NGE2120FG-PT-M1360	NGE2120FG-PT2-M1360
1445	56.89	NGE2120FG-PT-M1445	NGE2120FG-PT2-M1445
1530	60.24	NGE2120FG-PT-M1530	NGE2120FG-PT2-M1530
1615	63.58	NGE2120FG-PT-M1615	NGE2120FG-PT2-M1615
1700	66.93	NGE2120FG-PT-M1700	NGE2120FG-PT2-M1700
1785	70.28	NGE2120FG-PT-M1785	NGE2120FG-PT2-M1785
1870	73.62	NGE2120FG-PT-M1870	NGE2120FG-PT2-M1870

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30090a

## 12,7 mm (1/2") MODULAR BELTS

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RUBBER INSERT

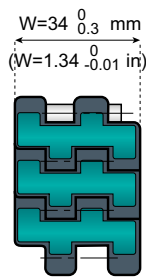


New  
**NG**  
**evo**

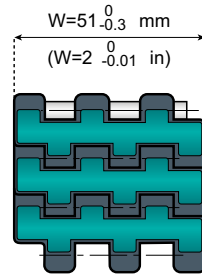
**NG® evo** conveyor components  
made from engineered plastic resin

Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

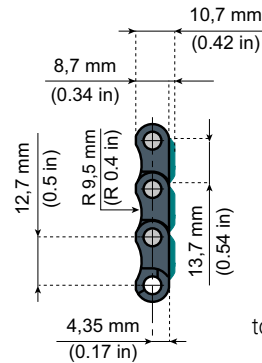
### Single track



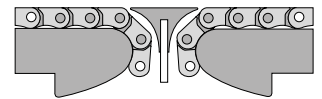
**K134**



**K200**



Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**

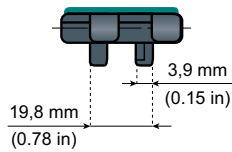
**Rubber material:** thermoplastic rubber, water blue color. **Pin material:** PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2124FT-K134VG	NGE Grey Blue	34	1.34	12,7	0.5	10	0.39	300	65	0,4	0.27
NGE2121FT-K200VG		51	2	12,7	0.5	20	0.79	680	150	0,55	0.37

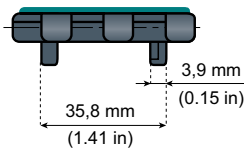
**Standard length:** 240 pitches (3,048 m - 5 ft.)

### Single track with positioners

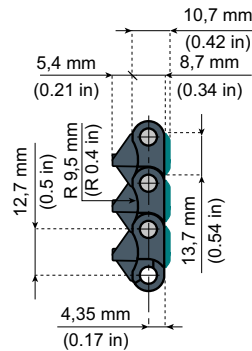
New  
**NG**  
**evo**



**K134**



**K200**



For belts **2121 FT**

**301160a**



For belts **2124 FT**

**301165a**

Information about this product is only available on our Smart Guide® website.

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2124FT-PT-K134VG	NGE Grey Blue	34	1.34	12,7	0.5	10	0.39	300	65	0,4	0.27
NGE2121FT-PT-K200VG		51	2	12,7	0.5	20	0.79	680	150	0,55	0.37

**Standard length:** 240 pitches (3,048 m - 5 ft.)

#### Standard material

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**

**TPR (WATER BLUE)**

Thermoplastic rubber

materials details:

**73570a**



Information about this product is only available on our Smart Guide® website.

Notes:  
Schematic presentation of all VG rubber insert 12,7 mm (1/2") pitch belts

Other versions for 12,7 mm (1/2") belts:

- FT Flat top**
- FG Flush grid**
- RF Roller Flow**
- LBP (low pressure)**
- GB (Guide bar)**
- Sideflex**

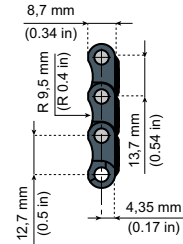
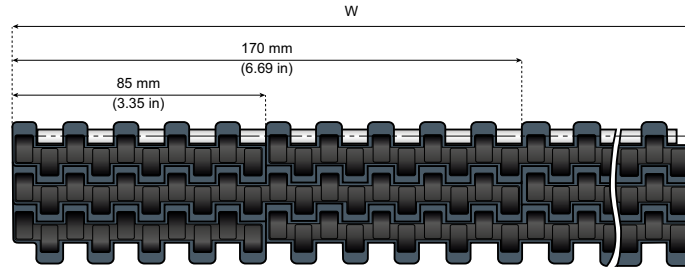
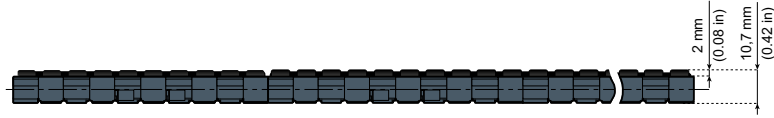
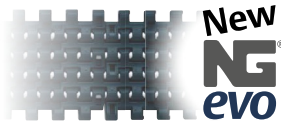
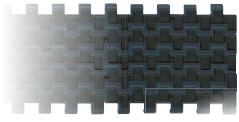
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30100a

## 12,7 mm (½") MODULAR BELTS

### RUBBER INSERT EVERY PITCH

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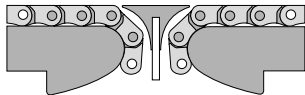


**NG® evo** conveyor components made from engineered plastic resin  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Belt material:** grey blue colour  
**Rubber material:** thermoplastic rubber, black colour  
**Backflex radius:** 20 mm (0.8 in)  
**Max load capacity:** 18000 N/m (1260 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**

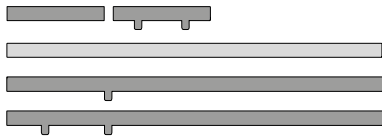
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request

Can be used with a Nose bar to create extremely short transfers.

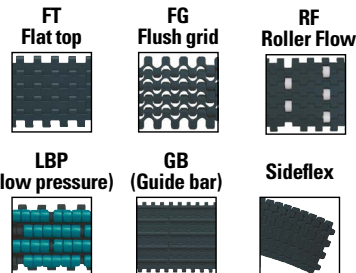


page code: **30175a**

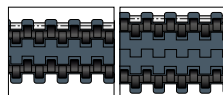
Notes:  
 Schematic presentation of all VG rubber insert 12,7 mm (½") pitch belts



Other versions for 12,7 mm (½") belts:

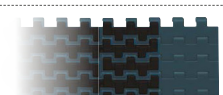


Information about this product is only available on our Smart Guide® website.



For insert every 2nd or 3th pitch, go to:

**30100b**



Also available with side indent. Go to:

**30105a**



**30160a**

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**

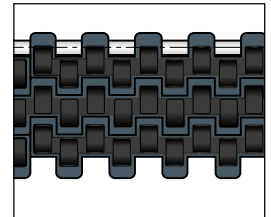
**TPR (BLACK)**

Thermoplastic rubber

materials details:

**73570a**

**VG 2120**  
 Insert every pitch



**Weight:**  
 9,7 Kg/m² (1.98 lbs/ft².)

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120FT-M0085VG50
170	6.69	NGE2120FT-M0170VG50
255	10.04	NGE2120FT-M0255VG50
340	13.39	NGE2120FT-M0340VG50
425	16.73	NGE2120FT-M0425VG50
510	20.08	NGE2120FT-M0510VG50
595	23.43	NGE2120FT-M0595VG50
680	26.77	NGE2120FT-M0680VG50
765	30.12	NGE2120FT-M0765VG50
850	33.46	NGE2120FT-M0850VG50
935	36.81	NGE2120FT-M0935VG50
1020	40.16	NGE2120FT-M1020VG50
1105	43.50	NGE2120FT-M1105VG50
1190	46.85	NGE2120FT-M1190VG50
1275	50.20	NGE2120FT-M1275VG50
1360	53.54	NGE2120FT-M1360VG50
1445	56.89	NGE2120FT-M1445VG50
1530	60.24	NGE2120FT-M1530VG50
1615	63.58	NGE2120FT-M1615VG50
1700	66.93	NGE2120FT-M1700VG50
1785	70.28	NGE2120FT-M1785VG50
1870	73.62	NGE2120FT-M1870VG50
1955	76.97	NGE2120FT-M1955VG50
2040	80.31	NGE2120FT-M2040VG50

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

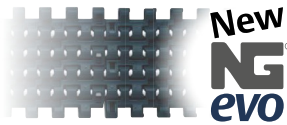
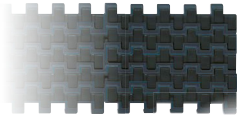


## 30100b

www.SystemPlastSmartGuide.com

## 12,7 mm (½") MODULAR BELTS

RUBBER INSERT EVERY 2nd & 3th PITCH



### NG® evo conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

**Belt material:** grey blue colour

**Rubber material:** thermoplastic rubber, black colour

**Backflex radius:** 20 mm (0.8 in)

Max load capacity: 18000 N/m (1260 lbs/ft.)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

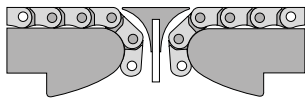
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in):

1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request



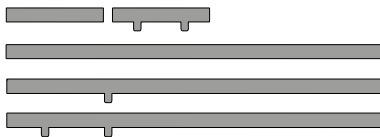
Can be used with a Nose bar to create extremely short transfers.



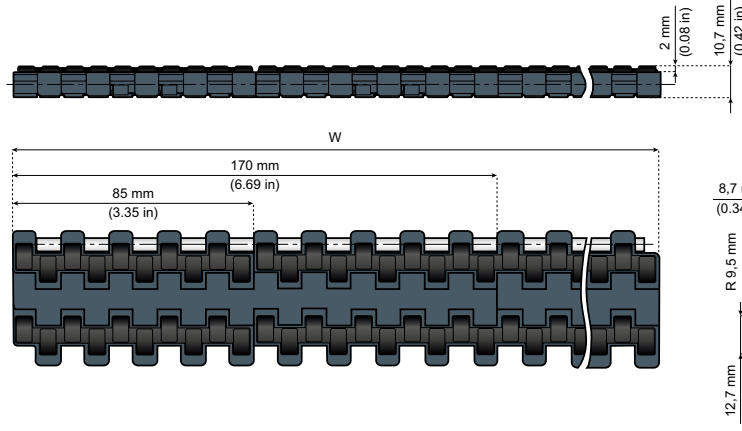
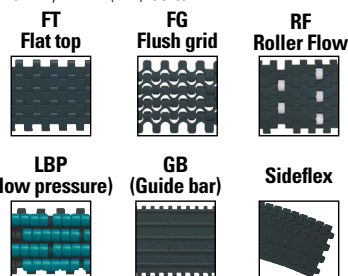
page code: **30175a**



Notes:  
Schematic presentation of all VG rubber insert 12,7 mm (½") pitch belts



Other versions for 12,7 mm (½") belts:



Information about this product is only available on our Smart Guide® website.

### Standard material

**NGE (GREY BLUE)**

New Generation®

materials details:

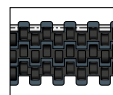
**73563a**

### TPR (BLACK)

Thermoplastic rubber

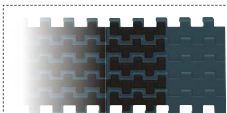
materials details:

**73570a**



For every insert, go to:

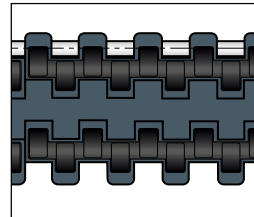
**30100a**



Also available with side indent. Go to:

**30105a**

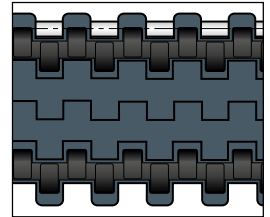
### VG2 2120 Insert every 2nd pitch



**Weight:**

9,2 Kg/m² (1.88 lbs/ft².)

### VG3 2120 Insert every 3th pitch



**Weight:**

9,0 Kg/m² (1.84 lbs/ft².)

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2120FT-M0085VG50-2	NGE2120FT-M0085VG50-3
170	6.69	NGE2120FT-M0170VG50-2	NGE2120FT-M0170VG50-3
255	10.04	NGE2120FT-M0255VG50-2	NGE2120FT-M0255VG50-3
340	13.39	NGE2120FT-M0340VG50-2	NGE2120FT-M0340VG50-3
425	16.73	NGE2120FT-M0425VG50-2	NGE2120FT-M0425VG50-3
510	20.08	NGE2120FT-M0510VG50-2	NGE2120FT-M0510VG50-3
595	23.43	NGE2120FT-M0595VG50-2	NGE2120FT-M0595VG50-3
680	26.77	NGE2120FT-M0680VG50-2	NGE2120FT-M0680VG50-3
765	30.12	NGE2120FT-M0765VG50-2	NGE2120FT-M0765VG50-3
850	33.46	NGE2120FT-M0850VG50-2	NGE2120FT-M0850VG50-3
935	36.81	NGE2120FT-M0935VG50-2	NGE2120FT-M0935VG50-3
1020	40.16	NGE2120FT-M1020VG50-2	NGE2120FT-M1020VG50-3
1105	43.50	NGE2120FT-M1105VG50-2	NGE2120FT-M1105VG50-3
1190	46.85	NGE2120FT-M1190VG50-2	NGE2120FT-M1190VG50-3
1275	50.20	NGE2120FT-M1275VG50-2	NGE2120FT-M1275VG50-3
1360	53.54	NGE2120FT-M1360VG50-2	NGE2120FT-M1360VG50-3
1445	56.89	NGE2120FT-M1445VG50-2	NGE2120FT-M1445VG50-3
1530	60.24	NGE2120FT-M1530VG50-2	NGE2120FT-M1530VG50-3
1615	63.58	NGE2120FT-M1615VG50-2	NGE2120FT-M1615VG50-3
1700	66.93	NGE2120FT-M1700VG50-2	NGE2120FT-M1700VG50-3
1785	70.28	NGE2120FT-M1785VG50-2	NGE2120FT-M1785VG50-3
1870	73.62	NGE2120FT-M1870VG50-2	NGE2120FT-M1870VG50-3
1955	76.97	NGE2120FT-M1955VG50-2	NGE2120FT-M1955VG50-3
2040	80.31	NGE2120FT-M2040VG50-2	NGE2120FT-M2040VG50-3

Other widths available on request.

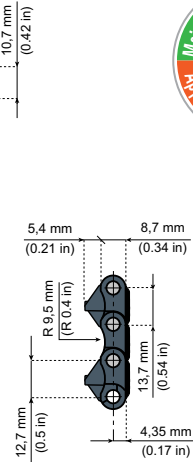
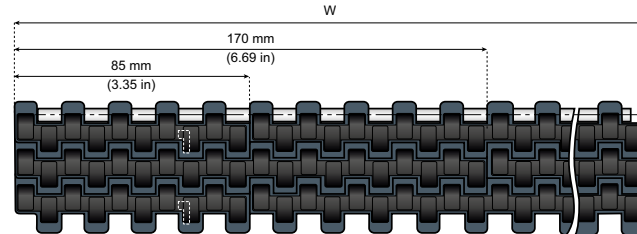
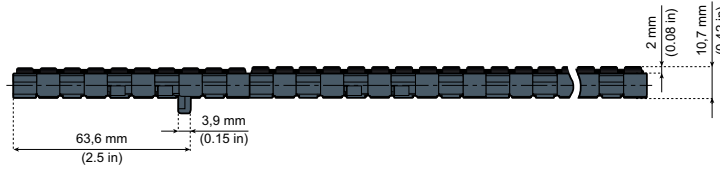
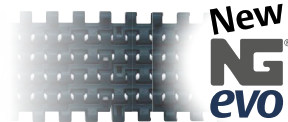
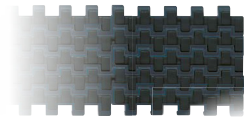
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30100c

## 12,7 mm (½") MODULAR BELTS

### VERSIONS WITH POSITIONERS / RUBBER INSERT

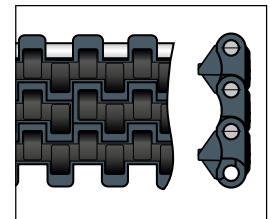
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**NG® EVO conveyor components**  
**made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

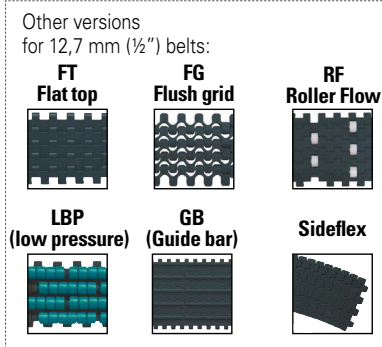
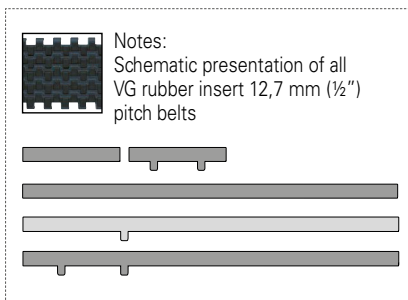
**Belt material:** grey blue colour  
**Rubber material:** thermoplastic rubber, black colour  
**Backflex radius:** 20 mm (0.8 in)  
**Max load capacity:** 18000 N/m (1260 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
 width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)  
 belt width > 1700 mm (66.93 in): on request

### VG 2120-P Insert every pitch

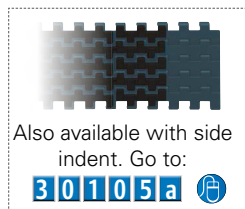


**Weight:**  
9,7 Kg/m<sup>2</sup> (1.98 lbs/ft<sup>2</sup>.)

## 30160a



Information about this product is only available on our SmartGuide® website.



#### Standard material

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**

**TPR (BLACK)**

Thermoplastic rubber

materials details:

**73570a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120FT-P-M0085VG50
170	6.69	NGE2120FT-P-M0170VG50
255	10.04	NGE2120FT-P-M0255VG50
340	13.39	NGE2120FT-P-M0340VG50
425	16.73	NGE2120FT-P-M0425VG50
510	20.08	NGE2120FT-P-M0510VG50
595	23.43	NGE2120FT-P-M0595VG50
680	26.77	NGE2120FT-P-M0680VG50
765	30.12	NGE2120FT-P-M0765VG50
850	33.46	NGE2120FT-P-M0850VG50
935	36.81	NGE2120FT-P-M0935VG50
1020	40.16	NGE2120FT-P-M1020VG50
1105	43.50	NGE2120FT-P-M1105VG50
1190	46.85	NGE2120FT-P-M1190VG50
1275	50.20	NGE2120FT-P-M1275VG50
1360	53.54	NGE2120FT-P-M1360VG50
1445	56.89	NGE2120FT-P-M1445VG50
1530	60.24	NGE2120FT-P-M1530VG50
1615	63.58	NGE2120FT-P-M1615VG50
1700	66.93	NGE2120FT-P-M1700VG50
1785	70.28	NGE2120FT-P-M1785VG50
1870	73.62	NGE2120FT-P-M1870VG50
1955	76.97	NGE2120FT-P-M1955VG50
2040	80.31	NGE2120FT-P-M2040VG50

Other widths available on request.

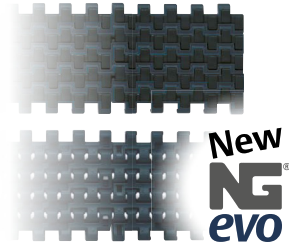
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30100d

## 12,7 mm (½") MODULAR BELTS

www.SystemPlastSmartGuide.com

VERSIONS WITH TWIN POSITIONERS / RUBBER INSERT



New  
**NG evo**

**NG® evo conveyor components**  
made from **engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**Belt material:** grey blue colour

**Rubber material:** thermoplastic rubber, black colour

**Backflex radius:** 20 mm (0.8 in)

**Max load capacity:** 18000 N/m (1260 lbs/ft.)

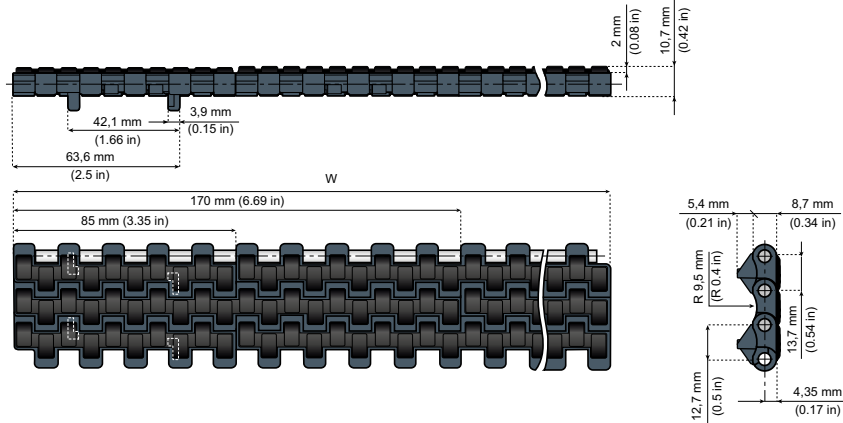
**Pin material:** PBT (white)

**Standard length:**

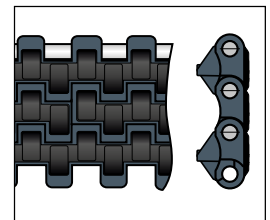
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request



**VG 2120-PT**  
Insert every pitch



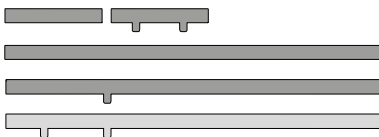
**Weight:**

9,7 Kg/m<sup>2</sup> (1.98 lbs/ft.<sup>2</sup>)

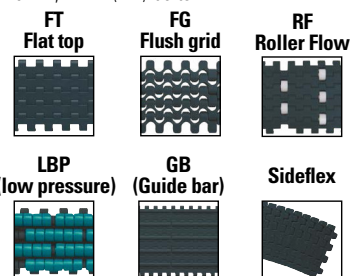
**30160a**



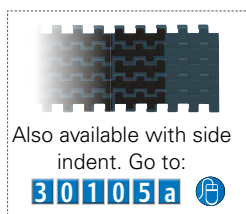
Notes:  
Schematic presentation of all VG rubber insert 12,7 mm (½") pitch belts



Other versions for 12,7 mm (½") belts:



Information about this product is only available on our Smart Guide® website.



**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**

**TPR (BLACK)**

Thermoplastic rubber

materials details:

**73570a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120FT-PT-M0085VG50
170	6.69	NGE2120FT-PT-M0170VG50
255	10.04	NGE2120FT-PT-M0255VG50
340	13.39	NGE2120FT-PT-M0340VG50
425	16.73	NGE2120FT-PT-M0425VG50
510	20.08	NGE2120FT-PT-M0510VG50
595	23.43	NGE2120FT-PT-M0595VG50
680	26.77	NGE2120FT-PT-M0680VG50
765	30.12	NGE2120FT-PT-M0765VG50
850	33.46	NGE2120FT-PT-M0850VG50
935	36.81	NGE2120FT-PT-M0935VG50
1020	40.16	NGE2120FT-PT-M1020VG50
1105	43.50	NGE2120FT-PT-M1105VG50
1190	46.85	NGE2120FT-PT-M1190VG50
1275	50.20	NGE2120FT-PT-M1275VG50
1360	53.54	NGE2120FT-PT-M1360VG50
1445	56.89	NGE2120FT-PT-M1445VG50
1530	60.24	NGE2120FT-PT-M1530VG50
1615	63.58	NGE2120FT-PT-M1615VG50
1700	66.93	NGE2120FT-PT-M1700VG50
1785	70.28	NGE2120FT-PT-M1785VG50
1870	73.62	NGE2120FT-PT-M1870VG50
1955	76.97	NGE2120FT-PT-M1955VG50
2040	80.31	NGE2120FT-PT-M2040VG50

Other widths available on request.



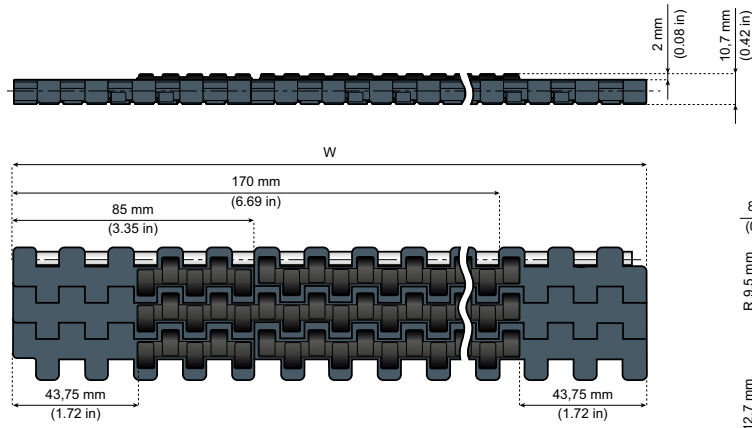
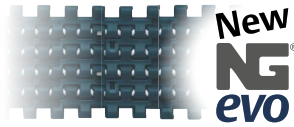
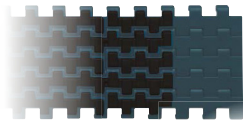
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30105a

## 12,7 mm (½") MODULAR BELTS

### RUBBER INSERT EVERY PITCH WITH SIDE INDENT

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



#### NG® evo conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

**Belt material:** grey blue colour

**Rubber material:** thermoplastic rubber, black colour

**Backflex radius:** 20 mm (0.8 in)

**Max load capacity:** 18000 N/m (1260 lbs/ft.)

**Pin material:** PBT (white)

**Standard length:**

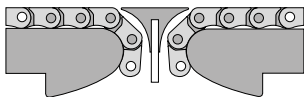
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request



Can be used with a Nose bar to create extremely short transfers.

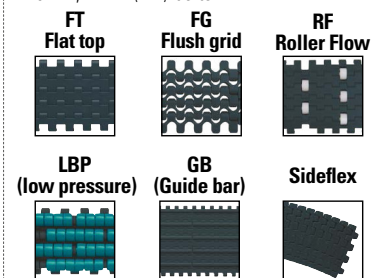


page code: **30175a**

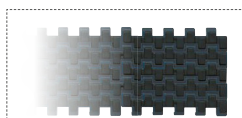


Notes: Schematic presentation of all VG rubber insert 12,7 mm (½") pitch belts

Other versions for 12,7 mm (½") belts:



Information about this product is only available on our Smart Guide® website.



For full width rubber surface. Go to:

**30100a**

#### Standard material

**NGE (GREY BLUE)**

New Generation®

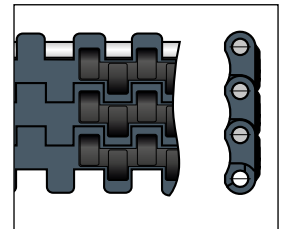
materials details:  
**73563a**

**TPR (BLACK)**

Thermoplastic rubber

materials details:  
**73570a**

#### VGS 2120 Insert every pitch



**Weight:**  
9,7 Kg/m<sup>2</sup> (1.98 lbs/ft.<sup>2</sup>.)

WIDTH W		ITEM DESCRIPTION
mm	in	
255	10.04	NGE2120FT-M0255VGS50
340	13.39	NGE2120FT-M0340VGS50
425	16.73	NGE2120FT-M0425VGS50
510	20.08	NGE2120FT-M0510VGS50
595	23.43	NGE2120FT-M0595VGS50
680	26.77	NGE2120FT-M0680VGS50
765	30.12	NGE2120FT-M0765VGS50
850	33.46	NGE2120FT-M0850VGS50
935	36.81	NGE2120FT-M0935VGS50
1020	40.16	NGE2120FT-M1020VGS50
1105	43.50	NGE2120FT-M1105VGS50
1190	46.85	NGE2120FT-M1190VGS50
1275	50.20	NGE2120FT-M1275VGS50
1360	53.54	NGE2120FT-M1360VGS50
1445	56.89	NGE2120FT-M1445VGS50
1530	60.24	NGE2120FT-M1530VGS50
1615	63.58	NGE2120FT-M1615VGS50
1700	66.93	NGE2120FT-M1700VGS50
1785	70.28	NGE2120FT-M1785VGS50
1870	73.62	NGE2120FT-M1870VGS50
1955	76.97	NGE2120FT-M1955VGS50
2040	80.31	NGE2120FT-M2040VGS50

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30108a

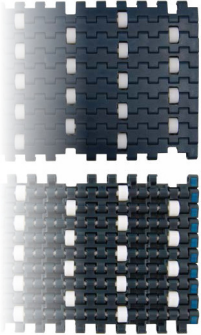
## 12,7 mm (1/2") MODULAR BELTS 2120

www.SystemPlastSmartGuide.com

ROLLER FLOW VERSION

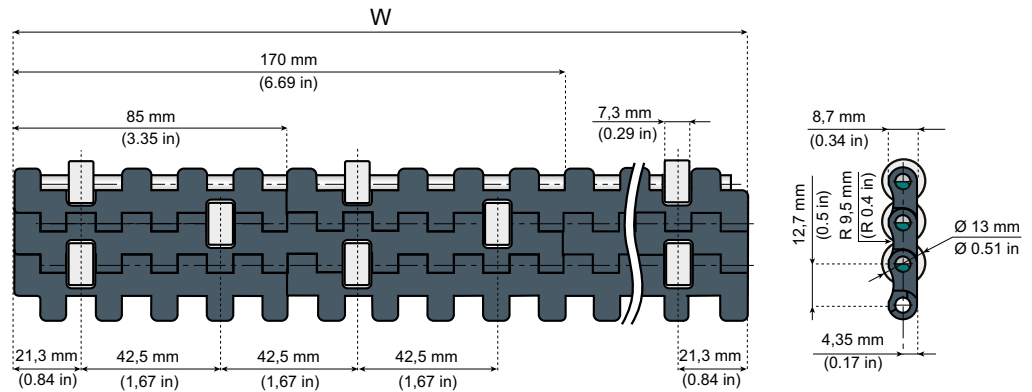


# New



### NG® *evo* conveyor components made from engineered plastic resin

Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....



**Backflex radius:** 10 mm (0.39 in)

**Max load capacity (NGE):** 8000 N/m (550 lbs/ft.)

**Weight:** 8,6 Kg/m<sup>2</sup> (1.75 lbs/ft<sup>2</sup>.)

**Pin material:** PBT (white)

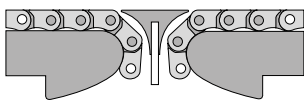
**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request

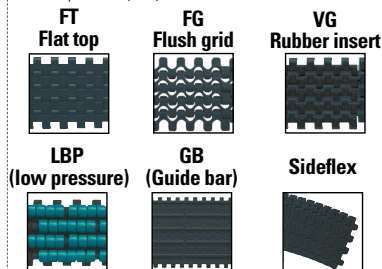
Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**

## 30160a

Other versions for 12,7 mm (1/2") belts:



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120RF-M0085
170	6.69	NGE2120RF-M0170
255	10.04	NGE2120RF-M0255
340	13.39	NGE2120RF-M0340
425	16.73	NGE2120RF-M0425
510	20.08	NGE2120RF-M0510
595	23.43	NGE2120RF-M0595
680	26.77	NGE2120RF-M0680
765	30.12	NGE2120RF-M0765
850	33.46	NGE2120RF-M0850
935	36.81	NGE2120RF-M0935
1020	40.16	NGE2120RF-M1020
1105	43.50	NGE2120RF-M1105
1190	46.85	NGE2120RF-M1190
1275	50.20	NGE2120RF-M1275
1360	53.54	NGE2120RF-M1360

Other widths available on request.

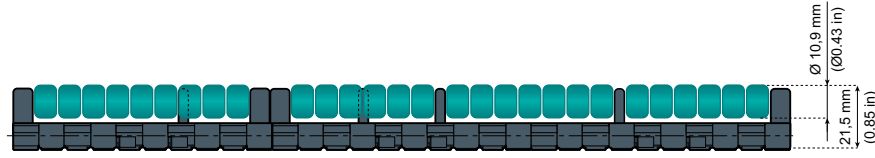
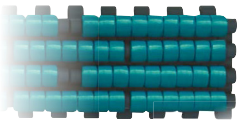
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30110a

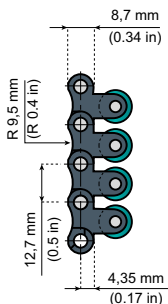
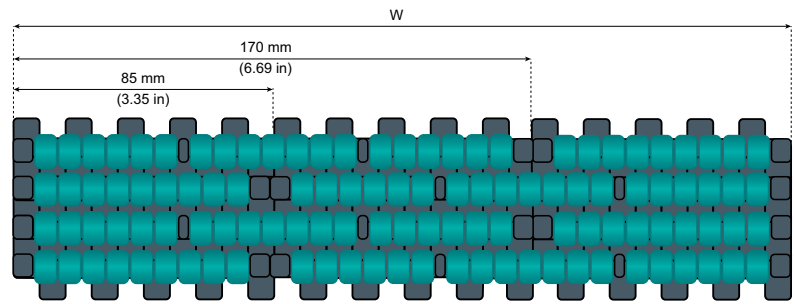
### 12,7 mm (1/2") MODULAR BELTS 2120-LBP

#### LOW NOISE ACCUMULATION ROLLERS

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**New NG evo**



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

- Backflex radius:** 65 mm (2.56 in)
- Max load capacity:** 18000 N/m (1260 lbs/ft.)
- Weight:** 23,2 Kg/m<sup>2</sup> (4.73 lbs/ft<sup>2</sup>.)
- Pin material:** POM (white)
- Roller shaft material:** Stainless Steel AISI 304
- Standard length:**
  - width ≤ 340 mm (13.39 in): 1,52 m (5 ft.)
  - width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 0,76 m (0.03 in)
  - width > 935 mm (36.81 in): on request



Information about this product is only available on our Smart Guide® website.

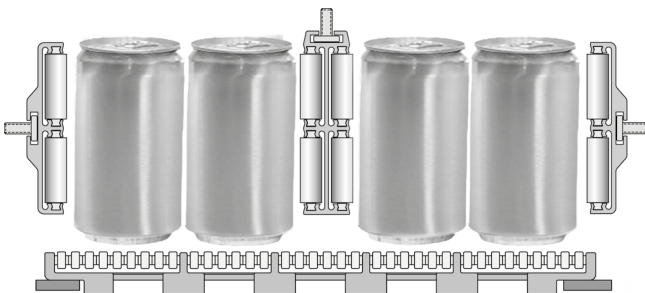
**Standard material**

**NGE (GREY BLUE)**

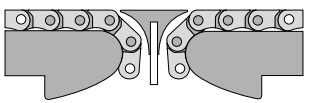
New Generation®

materials details:

**73563a**



Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**

**30160a**

Other versions for 12,7 mm (1/2") belts:

<b>FT</b> Flat top 	<b>FG</b> Flush grid 	<b>RF</b> Roller Flow 
<b>VG</b> Rubber insert 	<b>GB</b> (Guide bar) 	<b>Sideflex</b> 

**ROLLER GUIDE**

For roller guide.  
Go to:  
**52510a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120LBP-M0085
170	6.69	NGE2120LBP-M0170
255	10.04	NGE2120LBP-M0255
340	13.39	NGE2120LBP-M0340
425	16.73	NGE2120LBP-M0425
510	20.08	NGE2120LBP-M0510
595	23.43	NGE2120LBP-M0595
680	26.77	NGE2120LBP-M0680
765	30.12	NGE2120LBP-M0765
850	33.46	NGE2120LBP-M0850
935	36.81	NGE2120LBP-M0935
1020	40.16	NGE2120LBP-M1020
1105	43.50	NGE2120LBP-M1105

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

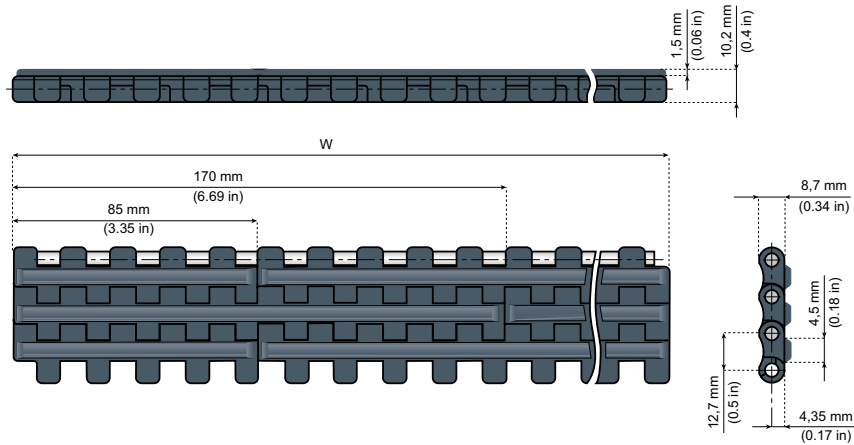
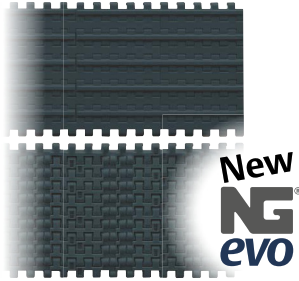


## 30120a

www.SystemPlastSmartGuide.com

## 12,7 mm (½") MODULAR BELTS 2120 GB

VERSION WITH GUIDE BAR EVERY PITCH FOR TRANSFER



**NG® EVO conveyor components**  
**made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Belt material:** grey blue colour

**Backflex radius:** 20 mm (0.79 in)

**Max load capacity:** 18000 N/m (1260 lbs/ft.)

**Pin material:** PBT (white)

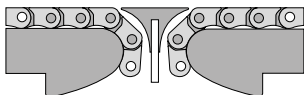
**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request

Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**

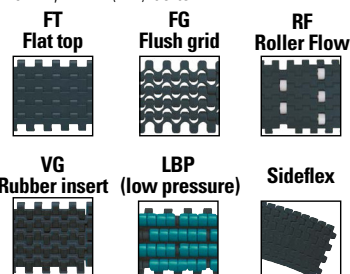
**30160a**



Notes: Schematic presentation of all GB guide bar 12,7 mm (½") pitch belts



Other versions for 12,7 mm (½") belts:



Information about this product is only available on our Smart Guide® website.

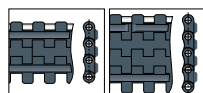
**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

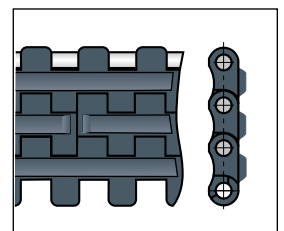
**73563a**



For insert every 2nd or 3th pitch, go to:

**30120b**

**GB 2120 Guide bar on every pitch**



**Weight:**

10,4 Kg/m² (2.12 lbs/ft².)

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2120FT-M0085GB
170	6.69	NGE2120FT-M0170GB
255	10.04	NGE2120FT-M0255GB
340	13.39	NGE2120FT-M0340GB
425	16.73	NGE2120FT-M0425GB
510	20.08	NGE2120FT-M0510GB
595	23.43	NGE2120FT-M0595GB
680	26.77	NGE2120FT-M0680GB
765	30.12	NGE2120FT-M0765GB
850	33.46	NGE2120FT-M0850GB
935	36.81	NGE2120FT-M0935GB
1020	40.16	NGE2120FT-M1020GB
1105	43.50	NGE2120FT-M1105GB
1190	46.85	NGE2120FT-M1190GB

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

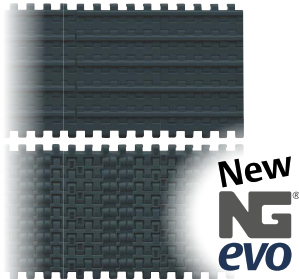


## 30120b

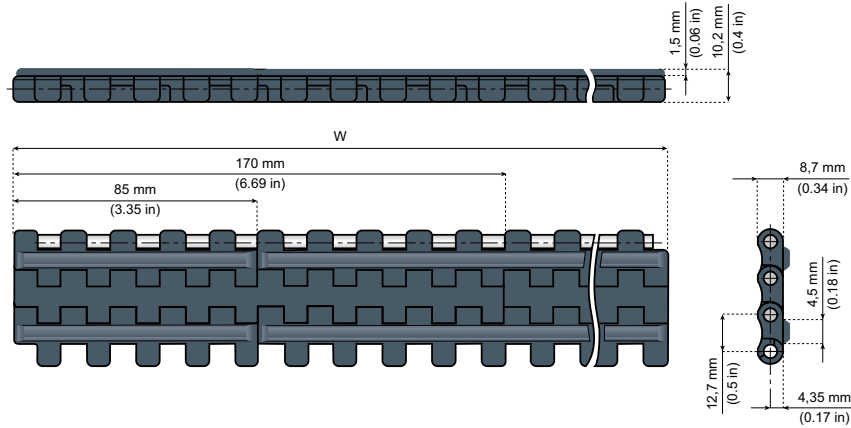
www.SystemPlastSmartGuide.com

## 12,7 mm (½") MODULAR BELTS 2120 GB

VERSION WITH GUIDE BAR ON 2nd & 3th PITCH FOR TRANSFER



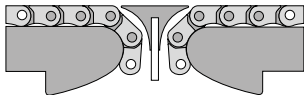
New  
**NG**  
evo



**NG® evo conveyor components**  
made from **engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**Belt material:** grey blue colour  
**Backflex radius:** 20 mm (0.79 in)  
**Max load capacity:** 18000 N/m (1260 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in) : 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request

Can be used with a Nose bar to create extremely short transfers.



page code: **30175a**



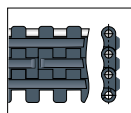
Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:  
**73563a**



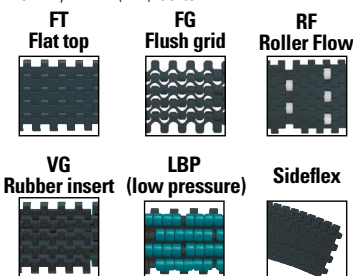
For every insert, go to:  
**30120a**



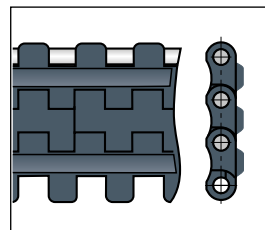
Notes: Schematic presentation of all GB guide bar 12,7 mm (½") pitch belts



Other versions for 12,7 mm (½") belts:

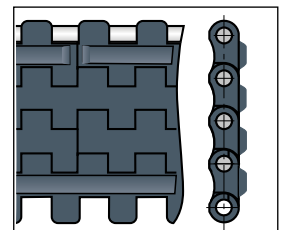


**GB2 2120**  
Guide bar every 2nd pitch



**Weight:**  
10,4 Kg/m<sup>2</sup> (2.12 lbs/ft.<sup>2</sup>)

**GB3 2120**  
Guide bar every 3th pitch



**Weight:**  
9,9 Kg/m<sup>2</sup> (2.02 lbs/ft.<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2120FT-M0085GB-2	NGE2120FT-M0085GB-3
170	6.69	NGE2120FT-M0170GB-2	NGE2120FT-M0170GB-3
255	10.04	NGE2120FT-M0255GB-2	NGE2120FT-M0255GB-3
340	13.39	NGE2120FT-M0340GB-2	NGE2120FT-M0340GB-3
425	16.73	NGE2120FT-M0425GB-2	NGE2120FT-M0425GB-3
510	20.08	NGE2120FT-M0510GB-2	NGE2120FT-M0510GB-3
595	23.43	NGE2120FT-M0595GB-2	NGE2120FT-M0595GB-3
680	26.77	NGE2120FT-M0680GB-2	NGE2120FT-M0680GB-3
765	30.12	NGE2120FT-M0765GB-2	NGE2120FT-M0765GB-3
850	33.46	NGE2120FT-M0850GB-2	NGE2120FT-M0850GB-3
935	36.81	NGE2120FT-M0935GB-2	NGE2120FT-M0935GB-3
1020	40.16	NGE2120FT-M1020GB-2	NGE2120FT-M1020GB-3
1105	43.50	NGE2120FT-M1105GB-2	NGE2120FT-M1105GB-3
1190	46.85	NGE2120FT-M1190GB-2	NGE2120FT-M1190GB-3

Other widths available on request.

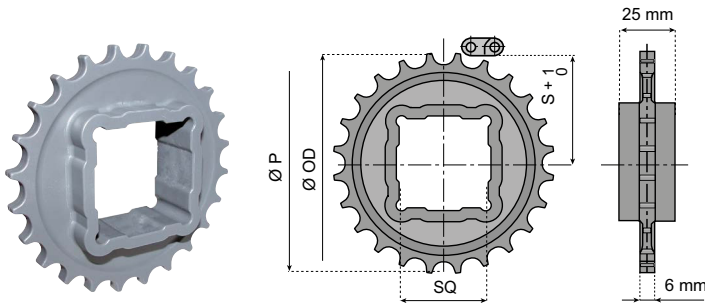
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 1 6 0 a

## DRIVE AND RETURN SPROCKETS

www.SystemPlastSmartGuide.com

FOR BELTS 2120 - 2120M - 2121



### FOR 2120 - 2121-2122

**MOLDED DRIVE SPROCKETS SQUARE BORE ONE PIECE - FLOATING**

Z	Ø 30X30	Ø 40X40
24	<b>2120-24S30M-D</b>	<b>2120-24S40M-D</b>

**Material:** reinforced polyamide (grey).

Z	Ø OD mm	Ø P mm	S mm
24	97,3	96,5	44,14
28	113,3	112,5	52,15
36	145,4	144,6	68,28

### Notes:

Sprockets with 'fixed' bores (standard split types) do not follow the expansion or contraction of a belt and therefore can be used only for belts widths up to 680 mm and temperature differences of maximum 30 °C.

For all other applications we recommend using floating sprockets. Sprockets that normally have a 'fixed' or 'tight' bore can be made 'floating' on request. In that case just add the letter P to the standard item description.

For example, code **2120-24R30M-DPS**



Sprockets with 'tight' bores (standard one piece types) can be a cost effective solution for many applications; but if the belt is wider than 680 mm and large temperature fluctuations (> 30°C) occur, we recommend using the floating versions. 'Tight' and 'floating' bore sprockets are recommended to be kept in position with set collars or with help of the positioners of the belt.

### New design

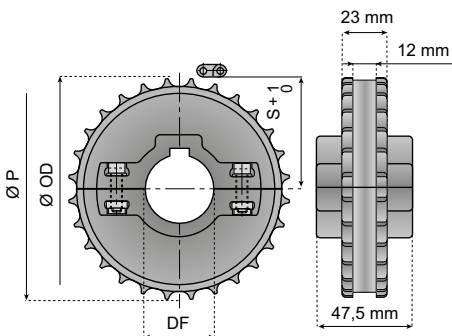
## 3 0 9 9 5 a



### Features:

- New design with snap-assembly system included.
- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.

**NOT SUITABLE FOR 2122 FG !**



Z	ITEM DESCRIPTION			
	Ø 30	Ø 35	Ø 40	Ø 45
24	<b>2120-24R30M-DS</b>	<b>2120-24R35M-DS</b>	<b>2120-24R40M-DS</b>	-
28	<b>2120-28R30M-DS</b>	<b>2120-28R35M-DS</b>	<b>2120-28R40M-DS</b>	<b>2120-28R45M-DS</b>
36	<b>2120-36R30M-DS</b>	-	<b>2120-36R40M-DS</b>	-

Z	ITEM DESCRIPTION			
	Ø 30	Ø 35	Ø 40	Ø 45
24	<b>2120-24R30M-RS</b>	<b>2120-24R35M-RS</b>	<b>2120-24R40M-RS</b>	-
28	<b>2120-28R30M-RS</b>	<b>2120-28R35M-RS</b>	<b>2120-28R40M-RS</b>	<b>2120-28R45M-RS</b>
36	<b>2120-36R30M-RS</b>	-	<b>2120-36R40M-RS</b>	-

**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.



Information about this product is only available on our Smart Guide® website.



See also the sprockets and idler wheels:

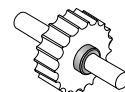
## 3 0 1 6 0 b

## 3 0 1 6 0 c



See 12,7 mm (½") pitch belts:

## 3 0 0 2 0 a



Set collars, go to:

## 5 4 6 3 0 a

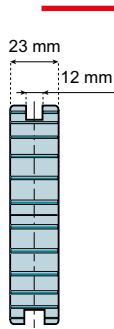
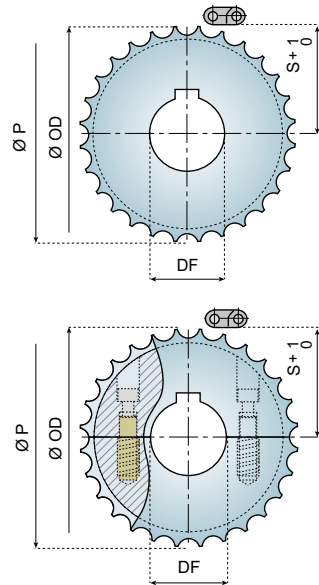
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

**New design**  
30990a



MACHINED DRIVE SPROCKETS - ONE PIECE TIGHT				
Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
14	2120-14R25M-DM	2120-14R30M-DM	-	-
16	2120-16R25M-DM	2120-16R30M-DM	-	-
20	2120-20R25M-DM	2120-20R30M-DM	2120-20R35M-DM	2120-20R40M-DM
24	2120-24R25M-DM	2120-24R30M-DM	2120-24R35M-DM	2120-24R40M-DM

MACHINED DRIVE SPROCKETS - SPLIT FIXED				
28	2120-28R25M-DMS	2120-28R30M-DMS	2120-28R35M-DMS	2120-28R40M-DMS
36	2120-36R25M-DMS	2120-36R30M-DMS	2120-36R35M-DMS	2120-36R40M-DMS
38	2120-38R25M-DMS	2120-38R30M-DMS	2120-38R35M-DMS	2120-38R40M-DMS
40	2120-40R25M-DMS	2120-40R30M-DMS	2120-40R35M-DMS	2120-40R40M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.

#### Notes:

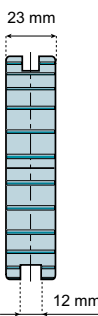
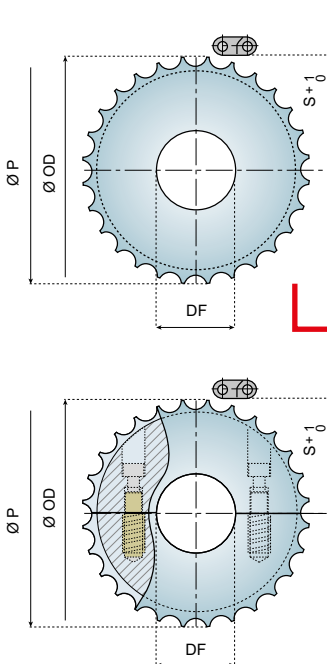
Sprockets with 'fixed' bores (standard split types) do not follow the expansion or contraction of a belt and therefore can be used only for belts widths up to 680 mm and temperature differences of maximum 30 °C.

For all other applications we recommend using floating sprockets. Sprockets that normally have a 'fixed' or 'tight' bore can be made 'floating' on request. In that case just add the letter P to the standard item description.

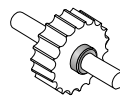
For example, code **2120-14R25M-DPS**

Sprockets with 'tight' bores (standard one piece types) can be a cost effective solution for many applications, but if the belt is wider than 680 mm and large temperature fluctuations (> 30°C) occur, we recommend using the floating versions. 'Tight' and 'floating' bore sprockets are recommended to be kept in position with set collars or with help of the positioners of the belt.

Z	Ø OD mm	Ø P mm	S mm
14	56,4	56,6	24,17
16	64,5	64,6	28,15
20	80,4	80,5	36,14
24	97,3	96,5	44,14
28	113,3	112,5	52,15
36	145,4	144,6	68,28
38	153,9	152,6	72,28
40	161,9	160,6	76,30



Information about this product is only available on our Smart Guide® website.



Set collars, go to:

**54630a**



See also the sprockets and idler wheels:

**30160a**

**30160c**



See 12,7 mm (½") pitch belts:

**30020a**

MACHINED RETURN SPROCKETS - ONE PIECE					
Z	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
14	2120-14R18M-RM	2120-14R25M-RM	2120-14R30M-RM	-	-
16	2120-16R18M-RM	2120-16R25M-RM	2120-16R30M-RM	-	-
20	2120-20R18M-RM	2120-20R25M-RM	2120-20R30M-RM	2120-20R35M-RM	2120-20R40M-RM
24	2120-24R18M-RM	2120-24R25M-RM	2120-24R30M-RM	2120-24R35M-RM	2120-24R40M-RM

MACHINED RETURN SPROCKETS - SPLIT					
28	2120-28R23M-RMS	2120-28R25M-RMS	2120-28R30M-RMS	2120-28R35M-RMS	2120-28R40M-RMS
36	2120-36R23M-RMS	2120-36R25M-RMS	2120-36R30M-RMS	2120-36R35M-RMS	2120-36R40M-RMS
38	2120-38R23M-RMS	2120-38R25M-RMS	2120-38R30M-RMS	2120-38R35M-RMS	2120-38R40M-RMS
40	2120-40R23M-RMS	2120-40R25M-RMS	2120-40R30M-RMS	2120-40R35M-RMS	2120-40R40M-RMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass. \*Plain bore

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30160c

www.SystemPlastSmartGuide.com

## DRIVE SPROCKETS

FOR BELTS 2120 - 2120M - 2121



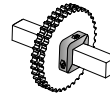
### New design

## 30995a



#### Features:

- New design with snap-assembly system included.
- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Set collars, go to:

## 54630a



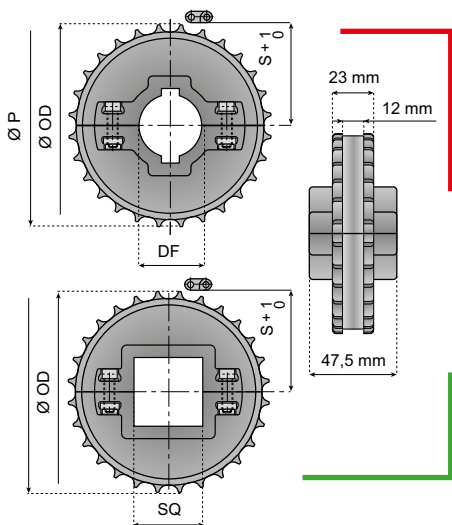
See 12,7 mm (½") pitch belts:

## 30020a

See also the sprockets and idler wheels:

## 30160a

## 30160b



#### MOLDED DRIVE SPROCKETS - SPLIT DOUBLE KEYWAY - FLOATING

Z	Ø 30	Ø 35	Ø 40	Ø 45
	ITEM DESCRIPTION			
24	2120-24R30M-DPS-K2	2120-24R35M-DPS-K2	2120-24R40M-DPS-K2	-
28	2120-28R30M-DPS-K2	2120-28R35M-DPS-K2	2120-28R40M-DPS-K2	2120-28R45M-DPS-K2
36	2120-36R30M-DPS-K2	-	2120-36R40M-DPS-K2	-

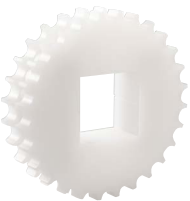
#### MOLDED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING

Z		Ø 40X40	Ø 60X60
24	-	-	-
28	-	-	2120-28S40M-DS
36	-	-	2120-36S40M-DS
			2120-36S60M-DS

**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.

### New design

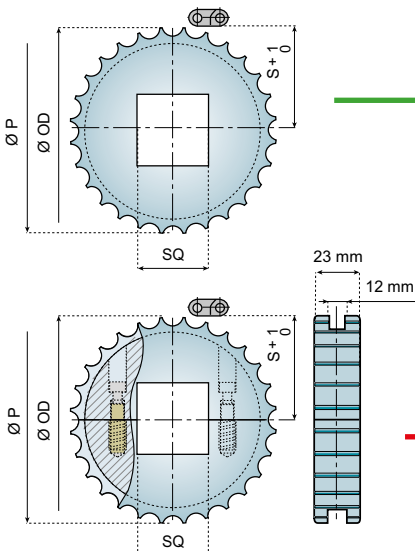
## 30990a



#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

Z	Ø OD mm	Ø P mm	S mm
16	64,5	64,6	28,15
20	80,4	80,5	36,14
24	97,3	96,5	44,14
28	113,3	112,5	52,15
36	145,4	144,6	68,28
38	153,9	152,6	72,28
40	161,9	160,6	76,30



#### MACHINED DRIVE SPROCKETS SQUARE BORE - ONE PIECE FLOATING

Z	Ø 30X30	Ø 35X35	Ø 40X40	Ø 60X60
	ITEM DESCRIPTION			
16	2120-16S30M-DM	-	-	-
20	2120-20S30M-DM	2120-20S35M-DM	-	-
24	2120-24S30M-DM	-	2120-24S40M-DM	-

#### MACHINED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING

28	2120-28S30M-DMS	-	2120-28S40M-DMS	-
36	2120-36S30M-DMS	-	2120-36S40M-DMS	2120-36S60M-DMS
38	2120-38S30M-DMS	-	2120-38S40M-DMS	2120-38S60M-DMS
40	2120-40S30M-DMS	-	2120-40S40M-DMS	2120-40S60M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30165a

### DRIVE AND RETURN SPROCKETS

FOR BELT 2124

www.SystemPlastSmartGuide.com



Item descriptions for drive sprockets are manufactured for a tight fit on the shaft.

Drive sprockets capable of floating freely on the shaft, just add the letter "P" (=plus) to the existing Item description. For example, code

**2124-16R25M-DPMS**

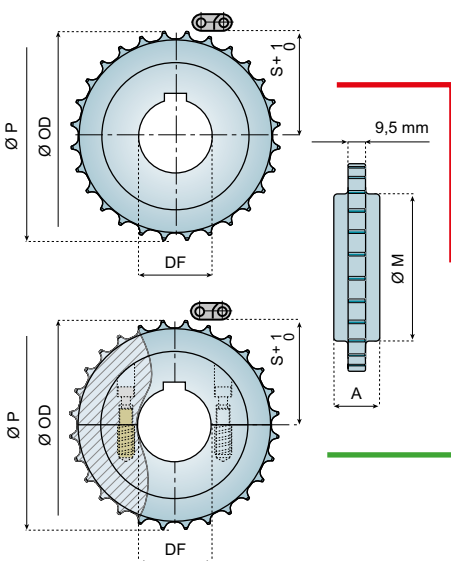


#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

#### New design

30990a



#### MACHINED DRIVE SPROCKETS - ONE PIECE TIGHT

A = 25

Z	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION				
16	2124-16R25M-DM	2124-16R30M-DM	-	-
20	2124-20R25M-DM	2124-20R30M-DM	2124-20R35M-DM	-
24	2124-24R25M-DM	2124-24R30M-DM	2124-24R35M-DM	2124-24R40M-DM

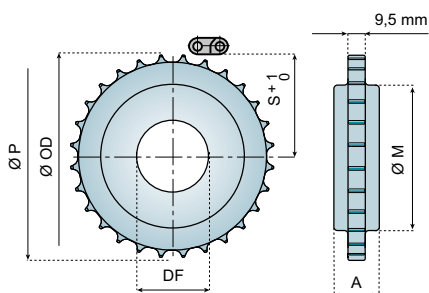


#### MACHINED DRIVE SPROCKETS - SPLIT FIXED

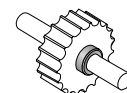
A = 34

28	2124-28R25M-DMS	2124-28R30M-DMS	2124-28R35M-DMS	2124-28R40M-DMS
36	2124-36R25M-DMS	2124-36R30M-DMS	2124-36R35M-DMS	2124-36R40M-DMS
38	2124-38R25M-DMS	2124-38R30M-DMS	2124-38R35M-DMS	2124-38R40M-DMS
40	2124-40R25M-DMS	2124-40R30M-DMS	2124-40R35M-DMS	2124-40R40M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.



Z	Ø OD mm	Ø P mm	Ø M mm	S mm
16	65,2	65,1	41	28,2
20	81,2	81,2	55	36,3
24	99,3	97,3	65	44,3
28	115,4	113,4	92	52,4
36	147,7	145,7	105	68,5
38	155,8	153,8	120	72,6
40	163,9	161,9	120	76,6



Set collars, go to:

54630a



Information about this product is only available on our Smart Guide® website.

See belts 12,7 mm (½"):



30030a

30030b

30090a



#### MACHINED RETURN SPROCKETS - ONE PIECE

A = 25

Z	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
16	2124-16R18M-RM	2124-16R25M-RM	2124-16R30M-RM	-	-
20	2124-20R18M-RM	2124-20R25M-RM	2124-20R30M-RM	2124-20R35M-RM	2124-20R40M-RM
24	2124-24R18M-RM	2124-24R25M-RM	2124-24R30M-RM	2124-24R35M-RM	2124-24R40M-RM



#### MACHINED RETURN SPROCKETS - SPLIT

A = 34

28	2124-28R23M-RMS	2124-28R25M-RMS	2124-28R30M-RMS	2124-28R35M-RMS	2124-28R40M-RMS
36	2124-36R23M-RMS	2124-36R25M-RMS	2124-36R30M-RMS	2124-36R35M-RMS	2124-36R40M-RMS
38	2124-38R23M-RMS	2124-38R25M-RMS	2124-38R30M-RMS	2124-38R35M-RMS	2124-38R40M-RMS
40	2124-40R23M-RMS	2124-40R25M-RMS	2124-40R30M-RMS	2124-40R35M-RMS	2124-40R40M-RMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass. \*Plain bore

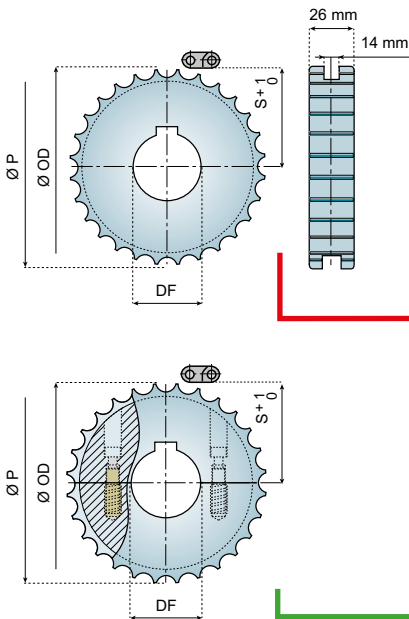
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 1 6 6 a

### DRIVE AND RETURN SPROCKETS

FOR BELT 2122

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



Also available:  
molded monoblock sprockets 24 teeth with square bore.  
Go to:

**3 0 1 6 0 a**

MACHINED DRIVE SPROCKETS - ONE PIECE TIGHT				
Z	Ø 25	Ø 30	Ø 35	Ø 40
14	2122-14R25M-DM	2122-14R30M-DM	-	-
16	2122-16R25M-DM	2122-16R30M-DM	-	-
20	2122-20R25M-DM	2122-20R30M-DM	2122-20R35M-DM	2122-20R40M-DM
24	2122-24R25M-DM	2122-24R30M-DM	2122-24R35M-DM	2122-24R40M-DM

MACHINED DRIVE SPROCKETS - SPLIT FIXED				
28	2122-28R25M-DMS	2122-28R30M-DMS	2122-28R35M-DMS	2122-28R40M-DMS
36	2122-36R25M-DMS	2122-36R30M-DMS	2122-36R35M-DMS	2122-36R40M-DMS
38	2122-38R25M-DMS	2122-38R30M-DMS	2122-38R35M-DMS	2122-38R40M-DMS
40	2122-40R25M-DMS	2122-40R30M-DMS	2122-40R35M-DMS	2122-40R40M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.

Z	Ø OD mm	Ø P mm	S mm
14	56,9	57,1	24,3
16	65,2	65,1	28,2
20	81,2	81,2	36,3
24	99,3	97,3	44,3
28	115,4	113,4	52,4
36	147,7	145,7	68,5
38	155,8	153,8	72,6
40	163,9	161,9	76,6

#### Notes:

Sprockets with 'fixed' bores (standard split types) do not follow the expansion or contraction of a belt and therefore can be used only for belts widths up to 680 mm and temperature differences of maximum 30 °C.

For all other applications we recommend using floating sprockets. Sprockets that normally have a 'fixed' or 'tight' bore can be made 'floating' on request. In that case just add the letter P to the standard item description.

For example, code **2122-14R25M-DPS**

Sprockets with 'tight' bores (standard one piece types) can be a cost effective solution for many applications, but if the belt is wider than 680 mm and large temperature fluctuations (> 30°C) occur, we recommend using the floating versions. 'Tight' and 'floating' bore sprockets are recommended to be kept in position with set collars or with help of the positioners of the belt.

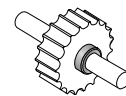
#### New design 3 0 9 9 0 a

#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Information about this product is only available on our Smart Guide® website.



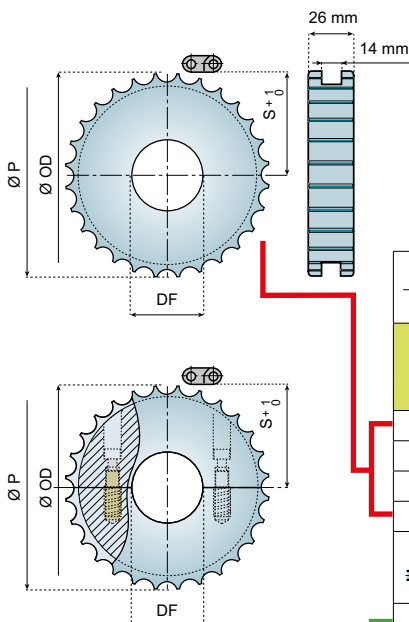
Set collars, go to:

**5 4 6 3 0 a**



See belts 2122:

**3 0 0 7 3 a**



MACHINED RETURN SPROCKETS - ONE PIECE					
Z	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
14	2122-14R18M-RM	2122-14R25M-RM	2122-14R30M-RM	-	-
16	2122-16R18M-RM	2122-16R25M-RM	2122-16R30M-RM	-	-
20	2122-20R18M-RM	2122-20R25M-RM	2122-20R30M-RM	2122-20R35M-RM	2122-20R40M-RM
24	2122-24R18M-RM	2122-24R25M-RM	2122-24R30M-RM	2122-24R35M-RM	2122-24R40M-RM

MACHINED RETURN SPROCKETS - SPLIT					
28	2122-28R23M-RMS	2122-28R25M-RMS	2122-28R30M-RMS	2122-28R35M-RMS	2122-28R40M-RMS
36	2122-36R23M-RMS	2122-36R25M-RMS	2122-36R30M-RMS	2122-36R35M-RMS	2122-36R40M-RMS
38	2122-38R23M-RMS	2122-38R25M-RMS	2122-38R30M-RMS	2122-38R35M-RMS	2122-38R40M-RMS
40	2122-40R23M-RMS	2122-40R25M-RMS	2122-40R30M-RMS	2122-40R35M-RMS	2122-40R40M-RMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass. \*Plain bore

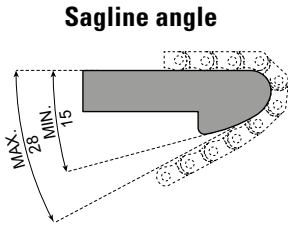
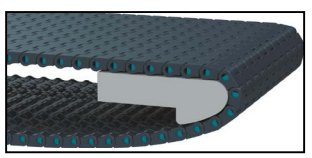
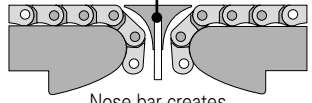
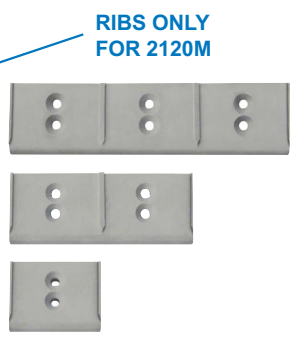
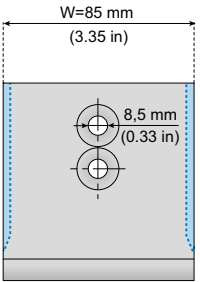
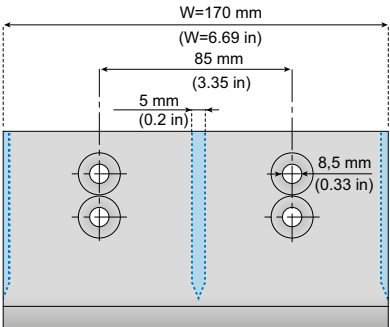
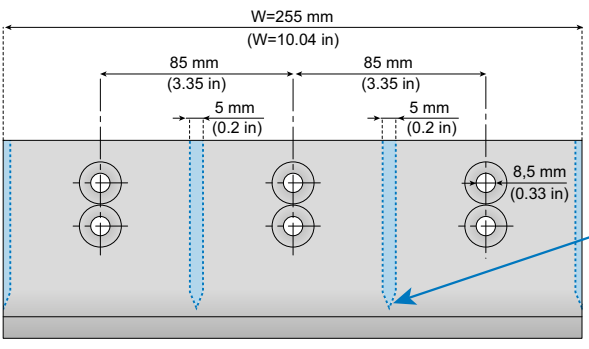
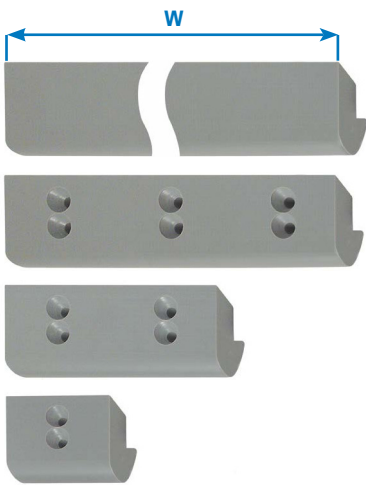


Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30175a

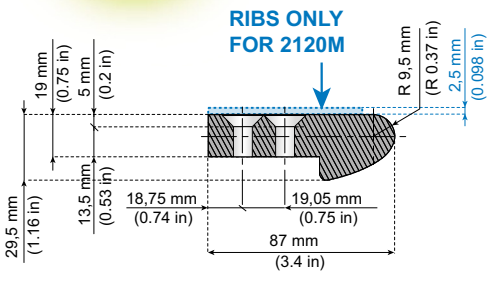
### NOSE BAR FOR 2120 BELTS (1/2" - 12,7 mm PITCH)

www.SystemPlastSmartGuide.com

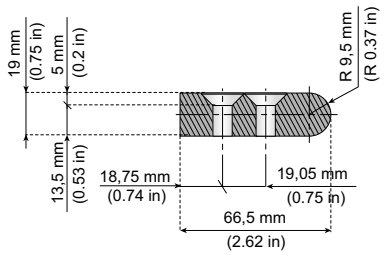


**PATENTED**

## New SILENT NOSE BAR



## STANDARD NOSE BAR



See straight running belts with 1/2" - 12,7 mm pitch:  
**30020a**

ITEM DESCRIPTION	W mm	W in
<b>SNB2120-NS-85H</b>	85	3.35
<b>SNB2120-NS-170H</b>	170	6.69
<b>SNB2120-NS-255H</b>	255	10.04
<b>SNB2120-NS-1200</b>	1200	47.24

ITEM DESCRIPTION	W mm	W in
<b>NB2120-NS-85H</b>	85	3.35
<b>NB2120-NS-170H</b>	170	6.69
<b>NB2120-NS-255H</b>	255	10.04
<b>NB2120-NS-1200</b>	1200	47.24



See side flexing belts 2120M:  
**30720a**

ITEM DESCRIPTION	W mm	W in
<b>SNB2120M-NS-85H</b>	85	3.35
<b>SNB2120M-NS-170H</b>	170	6.69
<b>SNB2120M-NS-255H</b>	255	10.04

**Note:**  
1,2 m nose bar are supplied WITHOUT holes

**Note:**  
1,2 m nose bar are supplied WITHOUT holes

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 1 9 0 a**

**INDEX MODULAR BELTS**

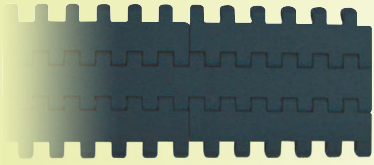
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**19,05 mm ( 3/4" ) PITCH - THICKNESS: 8,7 mm (0.34 in)**

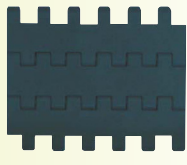


Information about this product is only available on our Smart Guide® website.

**FLAT TOP VERSION - 2190 FT**

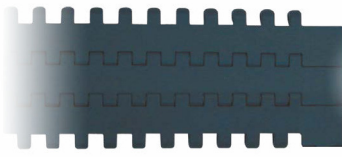


**3 0 2 1 0 a**



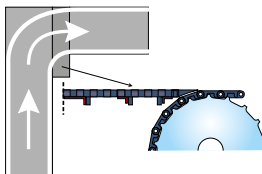
**3 0 2 0 0 a**

**FLAT TOP VERSION WITH TRANSFER WING - 2190 FT**

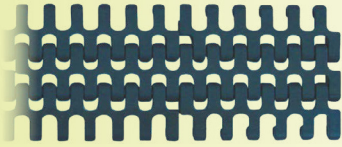


**3 0 2 1 5 a**

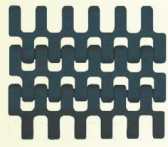
**New**



**FLUSH GRID VERSION - 2190 FG**



**3 0 2 3 0 a**



**3 0 2 2 0 a**

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30200a

## 19 mm (3/4") MODULAR BELTS 2190

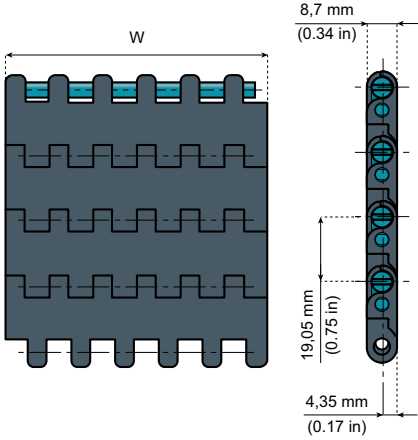
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FLAT TOP VERSION



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

### SINGLE TRACK



Standard material

**NGE (GREY BLUE)**

New Generation®

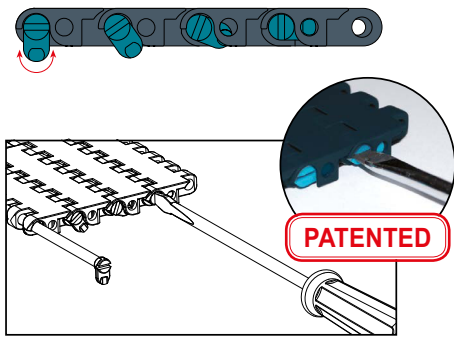
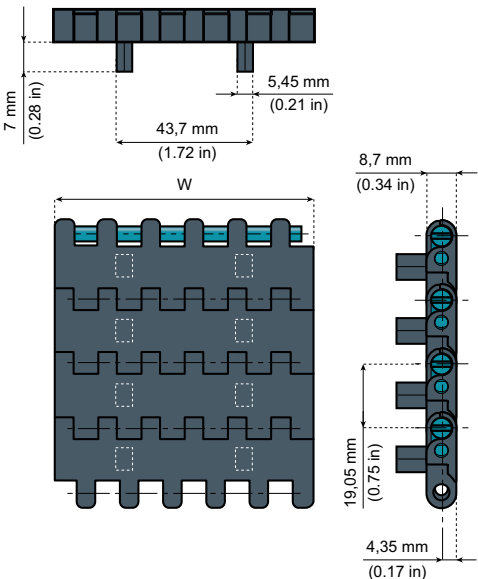
materials details:

**73563a**

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2190FT-K300	NGE Grey Blue	76,2	3	19,05	0.75	20	0.79	2070	460	0,6	0.4
NGE2190FT-K325		82,6	3.25					2250	500	0,6	0.4
NGE2190FT-K450		114,3	4.5					3060	680	0,8	0.54
NGE2190FT-K600		152,4	6					4150	910	1,1	0.74
NGE2190FT-K750		190,5	7.5					5150	1140	1,4	0.94

Standard length: 160 pitches (3,05 m - 10 ft.)

### SINGLE TRACK WITH POSITIONER



Pin material: PBT (water blue)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2190FT-PT-K300	NGE Grey Blue	76,2	3	19,05	0.75	20	0.79	2070	460	0,6	0.4
NGE2190FT-PT-K325		82,6	3.25					2250	500	0,6	0.4
NGE2190FT-PT-K450		114,3	4.5					3060	680	0,8	0.54
NGE2190FT-PT-K600		152,4	6					4150	910	1,1	0.74
NGE2190FT-PT-K750		190,5	7.5					5150	1140	1,4	0.94

Standard length: 160 pitches (3,05 m - 10 ft.)

Other version for 19,05 mm (3/4") belts:

**2190 FG**

Notes:  
Schematic presentation of all flat top 19,05 mm (3/4") pitch belts



Information about this product is only available on our Smart Guide® website.

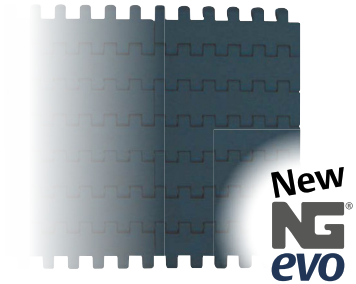
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 2 1 0 a

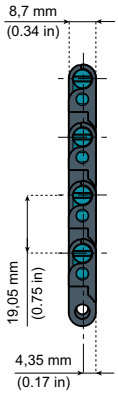
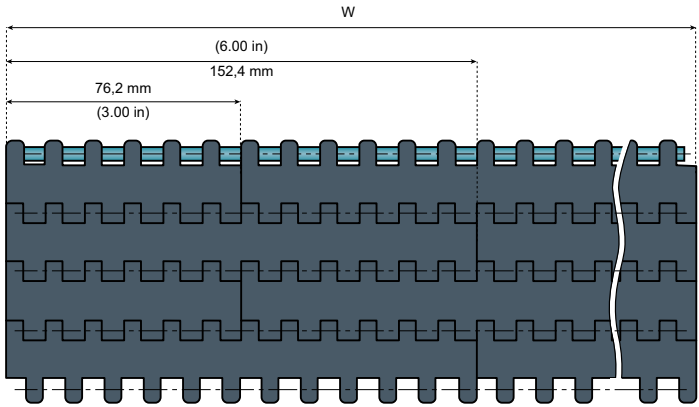
## 19 mm (3/4") MODULAR BELTS 2190

### FLAT TOP VERSION

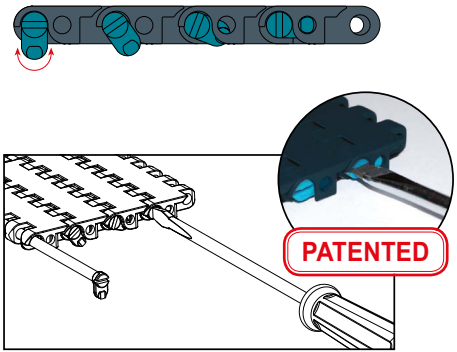
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**NG® EVO conveyor components**  
**made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....



- Backflex radius:** 20 mm (0.79 in)
- Max load capacity:** 27000 N/m (1800 lbs/ft.)
- Weight:** 8,2 Kg/m<sup>2</sup> (1.67 lbs/ft<sup>2</sup>.)
- Pin material: PBT (water blue)
- Standard length:**
  - width ≤ 15 in: 3,05 m (10 ft.)
  - width > 15 in ≤ 66 in: 1,52 m (5 ft.)
  - width > 66 in: on request



**Standard material**  
**NGE (GREY BLUE)**  
 New Generation®

materials details:  
**7 3 5 6 3 a**

Other version for 19,05 mm (3/4") belts:  
**2190 FG**

Notes:  
 Schematic presentation of all flat top 19,05 mm (3/4") pitch belts

Information about this product is only available on our Smart Guide® website.

**3 0 2 3 5 a**

WIDTH W		ITEM DESCRIPTION
mm	in	
76	3.00	Go to: <b>3 0 2 0 0 a</b>
152	6.00	
229	9.00	<b>NGE2190FT-K900</b>
305	12.00	<b>NGE2190FT-K1200</b>
381	15.00	<b>NGE2190FT-K1500</b>
457	18.00	<b>NGE2190FT-K1800</b>
533	21.00	<b>NGE2190FT-K2100</b>
610	24.00	<b>NGE2190FT-K2400</b>
686	27.00	<b>NGE2190FT-K2700</b>
762	30.00	<b>NGE2190FT-K3000</b>
838	33.00	<b>NGE2190FT-K3300</b>
914	36.00	<b>NGE2190FT-K3600</b>
991	39.00	<b>NGE2190FT-K3900</b>
1067	42.00	<b>NGE2190FT-K4200</b>
1143	45.00	<b>NGE2190FT-K4500</b>
1219	48.00	<b>NGE2190FT-K4800</b>
1295	51.00	<b>NGE2190FT-K5100</b>
1372	54.00	<b>NGE2190FT-K5400</b>
1448	57.00	<b>NGE2190FT-K5700</b>
1524	60.00	<b>NGE2190FT-K6000</b>
1600	63.00	<b>NGE2190FT-K6300</b>
1676	66.00	<b>NGE2190FT-K6600</b>
1753	69.00	<b>NGE2190FT-K6900</b>
1829	72.00	<b>NGE2190FT-K7200</b>
1905	75.00	<b>NGE2190FT-K7500</b>
1981	78.00	<b>NGE2190FT-K7800</b>
2057	81.00	<b>NGE2190FT-K8100</b>
2134	84.00	<b>NGE2190FT-K8400</b>
2210	87.00	<b>NGE2190FT-K8700</b>
2286	90.00	<b>NGE2190FT-K9000</b>

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



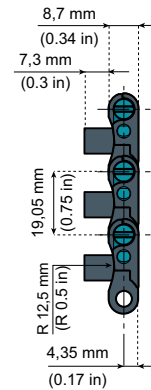
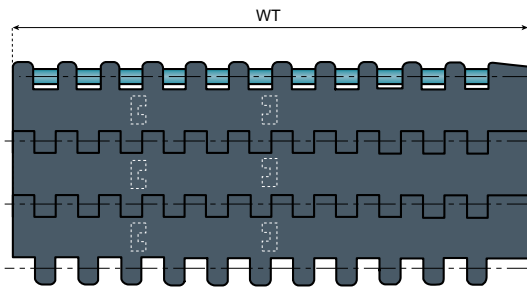
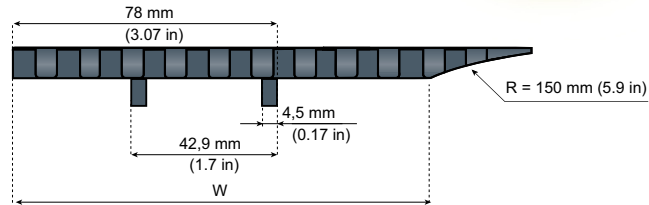
## 30215a

### SINGLE TRACK 19 mm (3/4") 2190 WITH TRANSFER WING

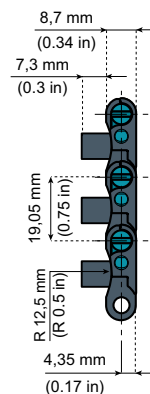
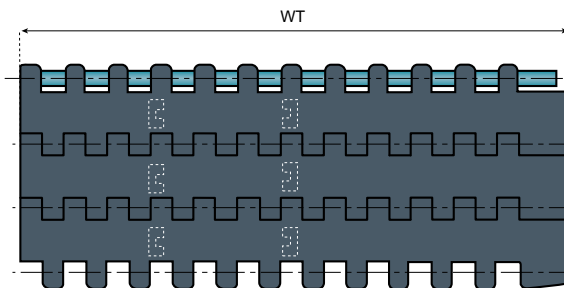
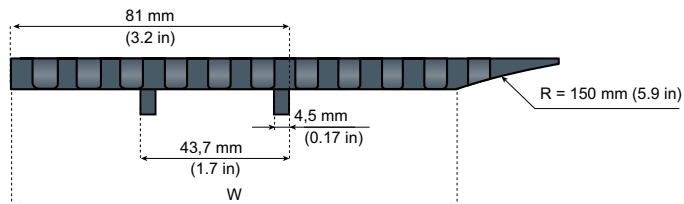
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# New

#### VERSION 4.8 INCHES (TOTAL WIDTH 6 INCHES)



#### VERSION 5.1 INCHES (TOTAL WIDTH 6.3 INCHES)



**NG® EVO conveyor components**  
made from **engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**Backflex radius:** 20 mm (0.79 in)  
**Max load capacity:**  
K480T: 3300N (730lbs)  
K510T: 3500N (780lbs)  
**Weight:** 1,2 Kg/m (0,85 lbs/ft)  
**Pin material:** PBT (water blue)  
**Standard length:** 3,05m (10ft)

#### Standard material

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**



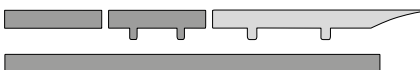
WIDTH W		WIDTH WT		ITEM DESCRIPTION
mm	in	mm	in	
122	4.8	152,4	6.0	NGE2190FT-PT-K480T
130	5.1	160,0	6.3	NGE2190FT-PT-K510T

Other version for 19,05 mm (3/4") belts:

**2190 FG**



Notes:  
Schematic presentation of all flat top 19,05 mm (3/4") pitch belts



**30235a**



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 2 2 0 a**

## 19 mm (3/4") MODULAR BELTS 2190

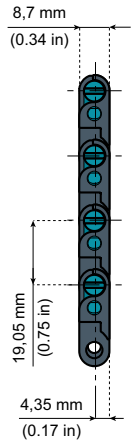
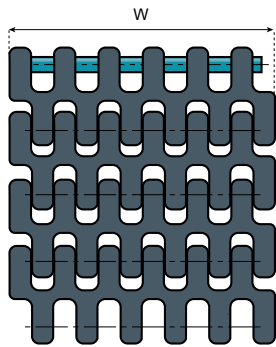
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

### FLUSH GRID VERSION



**NG<sup>®</sup> evo conveyor components made from engineered plastic resin**  
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 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

### SINGLE TRACK



#### Standard material

**NGE (GREY BLUE)**

New Generation®

materials details:

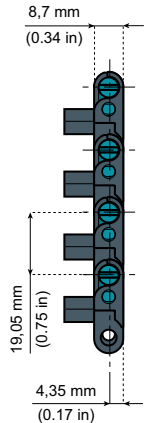
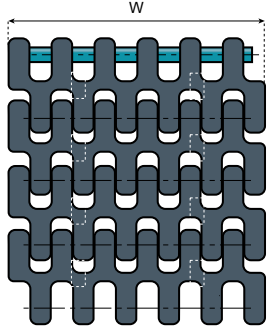
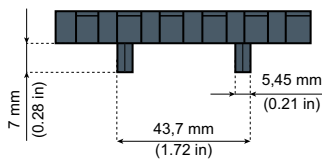
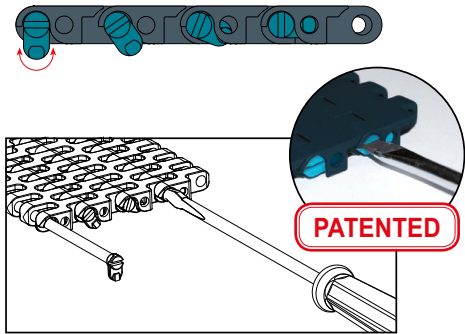
**7 3 5 6 3 a**

**Pin material:** PBT (water blue) **Open surface:** 19%

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2190FG-K300	NGE Grey Blue	76,2	3	19,05	0.75	20	0.79	2070	460	0,5	0.34
NGE2190FG-K325		82,6	3.25					2250	500	0,5	0.34
NGE2190FG-K450		114,3	4.5					3060	680	0,7	0.47
NGE2190FG-K600		152,4	6					4150	910	1	0.67
NGE2190FG-K750		190,5	7.5					5150	1140	1,2	0.81

**Standard length:** 160 pitches (3,05 m - 10 ft.)

### SINGLE TRACK WITH POSITIONER



**Pin material:** PBT (water blue) **Open surface:** 19%

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2190FG-PT-K300	NGE Grey Blue	76,2	3	19,05	0.75	20	0.79	2070	460	0,5	0.34
NGE2190FG-PT-K325		82,6	3.25					2250	500	0,5	0.34
NGE2190FG-PT-K450		114,3	4.5					3060	680	0,7	0.47
NGE2190FG-PT-K600		152,4	6					4150	910	1	0.67
NGE2190FG-PT-K750		190,5	7.5					5150	1140	1,2	0.81

**Standard length:** 160 pitches (3,05 m - 10 ft.)

Other version for 19,05 mm (3/4") belts:

**2190 FT**

Notes:  
Schematic presentation of all flat top 19,05 mm (3/4") pitch belts

**3 0 2 3 5 a**



Information about this product is only available on our Smart Guide® website.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 2 3 0 a

## 19 mm (3/4") MODULAR BELTS 2190

### FLUSH GRID VERSION

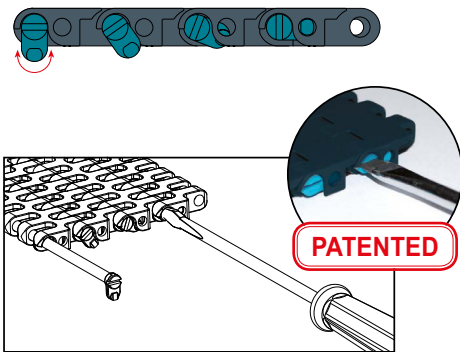
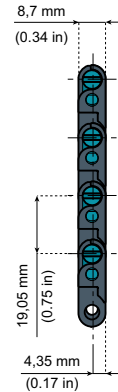
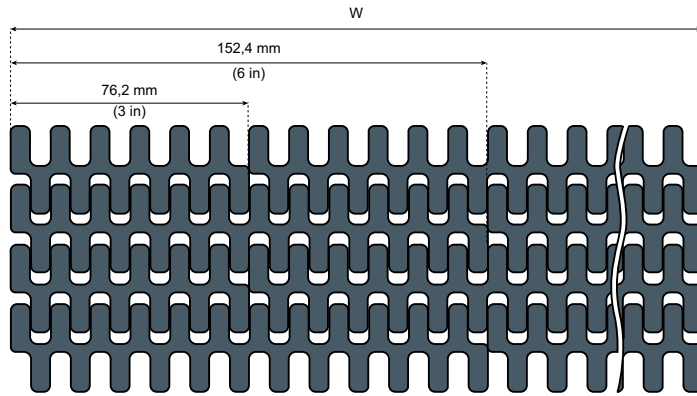
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



New  
**NG<sup>®</sup> evo**

**NG<sup>®</sup> evo conveyor components**  
made from **engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

- Backflex radius:** 20 mm (0.79 in)
- Max load capacity:** 27000 N/m (1800 lbs/ft.)
- Weight:** 7,7 Kg/m<sup>2</sup> (1.57 lbs/ft<sup>2</sup>.)
- Pin material:** PBT (water blue)
- Open surface:** 19%
- Standard length:**
  - width ≤ 15 in: 3,05 m (10 ft.)
  - width > 15in ≤ 66 in: 1,52 m (5 ft.)
  - width > 66 in: on request



**PATENTED**

**Standard material**

**NGE (GREY BLUE)**

New Generation<sup>®</sup>

materials details:

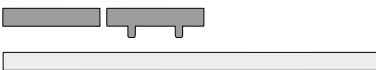
**7 3 5 6 3 a**

Other version for 19,05 mm (3/4") belts:

**2190 FT**



Notes:  
Schematic presentation of all flat top 19,05 mm (3/4") pitch belts



Information about this product is only available on our Smart Guide<sup>®</sup> website.



**3 0 2 3 5 a**

WIDTH W		ITEM DESCRIPTION
mm	in	
76	3.00	Go to: <b>3 0 2 2 0 a</b>
152	6.00	
229	9.00	<b>NGE2190FG-K900</b>
305	12.00	<b>NGE2190FG-K1200</b>
381	15.00	<b>NGE2190FG-K1500</b>
457	18.00	<b>NGE2190FG-K1800</b>
533	21.00	<b>NGE2190FG-K2100</b>
610	24.00	<b>NGE2190FG-K2400</b>
686	27.00	<b>NGE2190FG-K2700</b>
762	30.00	<b>NGE2190FG-K3000</b>
838	33.00	<b>NGE2190FG-K3300</b>
914	36.00	<b>NGE2190FG-K3600</b>
991	39.00	<b>NGE2190FG-K3900</b>
1067	42.00	<b>NGE2190FG-K4200</b>
1143	45.00	<b>NGE2190FG-K4500</b>
1219	48.00	<b>NGE2190FG-K4800</b>
1295	51.00	<b>NGE2190FG-K5100</b>
1372	54.00	<b>NGE2190FG-K5400</b>
1448	57.00	<b>NGE2190FG-K5700</b>
1524	60.00	<b>NGE2190FG-K6000</b>
1600	63.00	<b>NGE2190FG-K6300</b>
1676	66.00	<b>NGE2190FG-K6600</b>
1753	69.00	<b>NGE2190FG-K6900</b>
1829	72.00	<b>NGE2190FG-K7200</b>
1905	75.00	<b>NGE2190FG-K7500</b>
1981	78.00	<b>NGE2190FG-K7800</b>
2057	81.00	<b>NGE2190FG-K8100</b>
2134	84.00	<b>NGE2190FG-K8400</b>
2210	87.00	<b>NGE2190FG-K8700</b>
2286	90.00	<b>NGE2190FG-K9000</b>

Other widths available on request.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 2 3 5 a

## DRIVE AND RETURN SPROCKETS

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

FOR BELT 2190

### Note:

Sprockets with 'fixed' bores (standard split types) do not follow the expansion or contraction of a belt and therefore can be used only for belts widths up to 680 mm and temperature differences of maximum 30 °C.  
For all other applications we recommend using floating sprockets. Sprockets that normally have a 'fixed' or 'tight' bore can be made 'floating' on request. In that case just add the letter P to the standard item description.  
For example, code **2190-17R25M-DPMS**

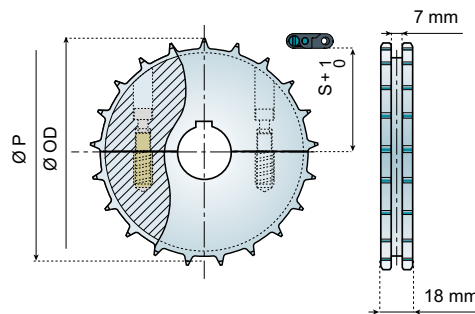
Sprockets with 'tight' bores (standard one piece types) can be a cost effective solution for many applications, but if the belt is wider than 680 mm and large temperature fluctuations (> 30°C) occur, we recommend using the floating versions. 'Tight' and 'floating' bore sprockets are recommended to be kept in position with set collars or with help of the positioners of the belt.

### New design

## 3 0 9 9 0 a

### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	Ø P mm	S mm
17	103,4	100,7	46
21	128,7	127,8	58,65
24	145,6	142,9	67,1
25	151,7	149	70,15



### MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
17	-	2190-17R25M-DMS	2190-17R30M-DMS	2190-17R35M-DMS	-
21	-	2190-21R25M-DMS	2190-21R30M-DMS	2190-21R35M-DMS	2190-21R40M-DMS
24	-	2190-24R25M-DMS	2190-24R30M-DMS	2190-24R35M-DMS	2190-24R40M-DMS
25	-	2190-25R25M-DMS	2190-25R30M-DMS	2190-25R35M-DMS	2190-25R40M-DMS



### MACHINED RETURN SPROCKETS - SPLIT

17	2190-17R23M-RMS	2190-17R25M-RMS	2190-17R30M-RMS	2190-17R35M-RMS	-
21	2190-21R23M-RMS	2190-21R25M-RMS	2190-21R30M-RMS	2190-21R35M-RMS	2190-21R40M-RMS
24	2190-24R23M-RMS	2190-24R25M-RMS	2190-24R30M-RMS	2190-24R35M-RMS	2190-24R40M-RMS
25	2190-25R23M-RMS	2190-25R25M-RMS	2190-25R30M-RMS	2190-25R35M-RMS	2190-25R40M-RMS



### MACHINED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING

Z	-	-	∇ 30X30	-	∇ 40X40
17	-	-	2190-17S30M-DMS	-	-
21	-	-	2190-21S30M-DMS	-	2190-21S40M-DMS
24	-	-	2190-24S30M-DMS	-	2190-24S40M-DMS
25	-	-	2190-25S30M-DMS	-	2190-25S40M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass. \*Plain bore

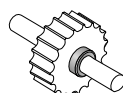


See belts 2190:

## 3 0 1 9 0 a



Information about this product is only available on our Smart Guide® website.



Set collars, go to:

## 5 4 6 3 0 a

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

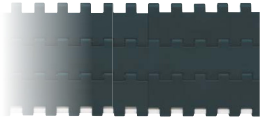
## 3 0 3 0 0 a

www.SystemPlastSmartGuide.com

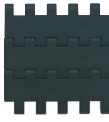
## INDEX MODULAR BELTS

25,4 mm (1") PITCH - THICKNESS: 8,7 mm (0.34 in)

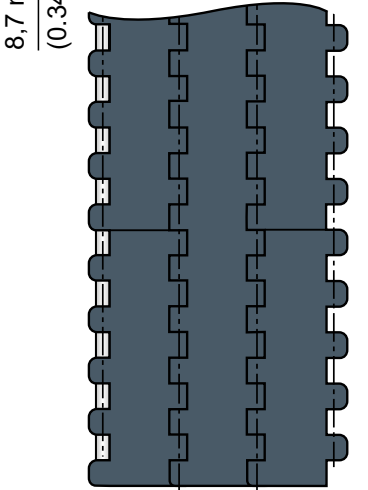
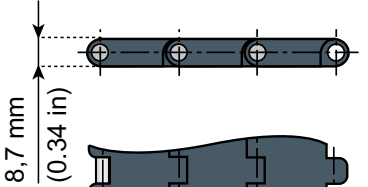
### FLAT TOP VERSION - 2250 FT



3 0 3 2 5 a



3 0 3 1 1 0 a ⓘ

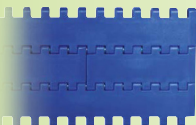


25,4 mm  
(1 in)

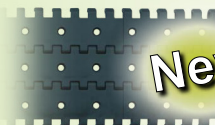
### FLAT TOP - 2253 FT

### FLAT TOP - VACUUM - 2253 FT

### ROLLER TOP - 2253RTC

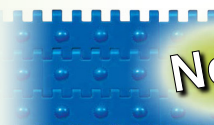


3 0 3 3 0 a



3 0 3 9 8 n

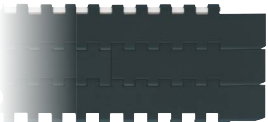
New



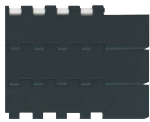
3 0 3 9 8 a

New

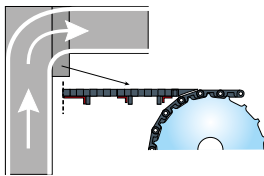
### FLAT TOP VERSION WITH TRANSFER WING - 2250 FT



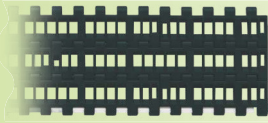
3 0 3 2 0 a ⓘ



3 0 3 4 0 a ⓘ



### FLUSH GRID VERSION - 2250 FG

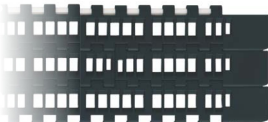


3 0 3 6 0 a

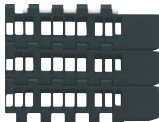


3 0 3 5 0 a ⓘ

### FLUSH GRID VERSION WITH TRANSFER WING - 2250 FG

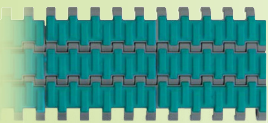


3 0 3 7 0 a



3 0 3 8 0 a ⓘ

### VERSION WITH RUBBER INSERTS - 2250 VG



3 0 3 8 1 a

New

### VERSION WITH ROLLER INSERTS - 2250 RF

### AVAILABLE ALSO CHAINBELT SIDEFLEXING



3 0 7 1 1 0 a

2250 TAB FT



3 0 7 1 1 0 a

2251 TAB FT



3 0 7 0 0 a

2251 M FT



3 0 7 0 0 a

2260 M FT



3 0 7 0 0 a

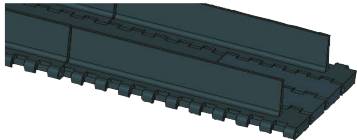
2260 M FG

New



Information about this product is only available on our Smart Guide® website.

### Belts with flights



page code: 3 0 3 6 5 a



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30310a

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

FLAT TOP VERSION

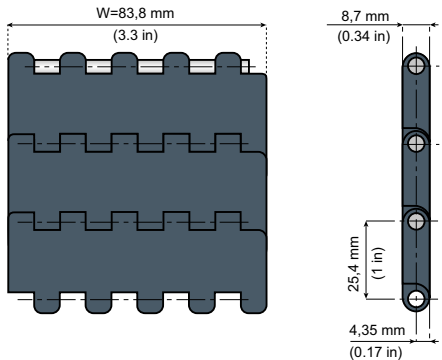
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New  
**NG evo**

**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

#### SINGLE TRACK



30395a

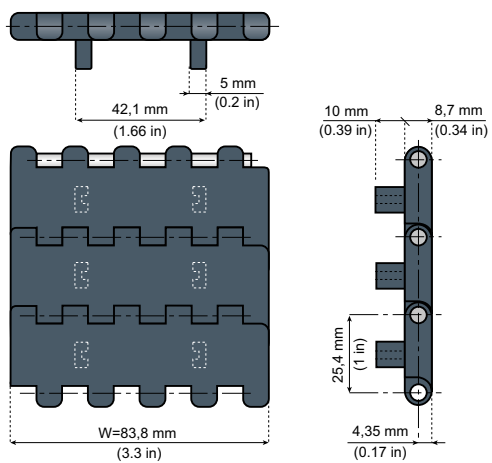
Pin material: PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2250FT-K330	NGE Grey Blue	83,8	3.3	25,4	1	25	0.98	1890	425	0,6	0.4
LFG2250FT-K330	LFG Grey	83,8	3.3	25,4	1	25	0.98	2100	470	0,6	0.4

Standard length: 120 pitches (3,05 m - 10 ft.)

New  
**NG evo**

#### SINGLE TRACK WITH POSITIONER



30395a

Pin material: PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2250FT-PT-K330	NGE Grey Blue	83,8	3.3	25,4	1	25	0.98	1890	425	0,6	0.4
LFG2250FT-PT-K330	LFG Grey	83,8	3.3	25,4	1	25	0.98	2100	470	0,6	0.4

Standard length: 120 pitches (3,05 m - 10 ft.)

Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

Other versions for 25,4 mm (1") belts:

- FG Flush grid**
- VG Rubber insert**
- RTC Roller top**
- RF Roller Flow**
- FT Vacuum**

**Standard materials**

**NGE (GREY BLUE)**  
New Generation®

**LFG (GREY)**  
Low friction acetal resin

materials details:  
**73563a**

Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

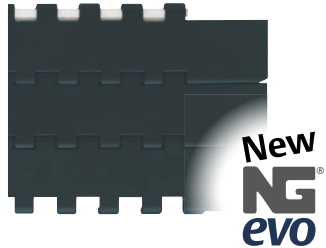


**3 0 3 2 0 a**

**25,4 mm (1") 2250 WITH TRANSFER WING - THICKNESS: 8,7 mm (0.34 in)**

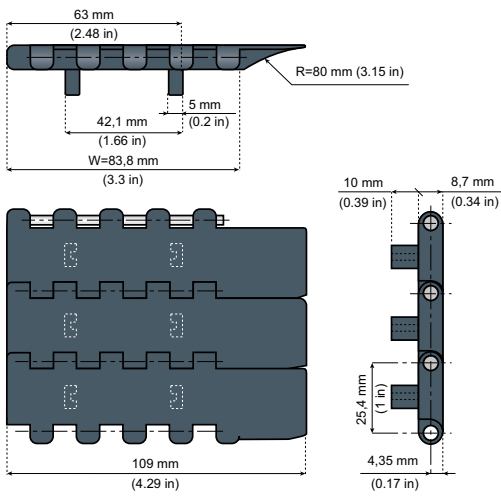
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### SINGLE TRACK



**New NG EVO**

**NG® EVO conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....



**Standard material**

**NGE (GREY BLUE)**

New Generation®

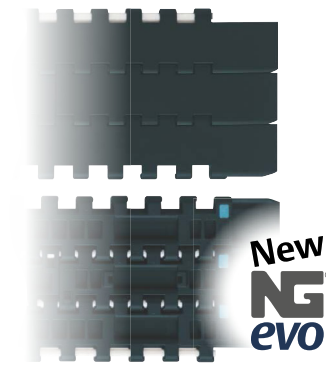
materials details:  
**7 3 5 6 3 a**

**Pin material:** PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
<b>NGE2250FT-PT-K330T</b>	<b>NGE Grey Blue</b>	83,8	3.3	25,4	1	30	1.18	1890	425	0,7	0.47

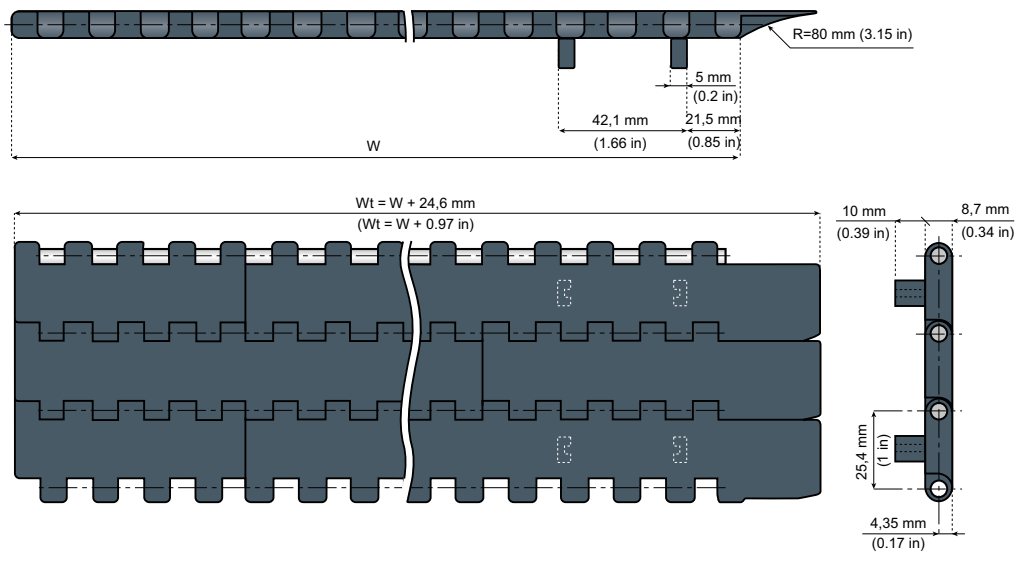
**Standard length:** 120 pitches (3,05 m - 10 ft.)

### WIDER VERSIONS



**New NG EVO**

**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 22500 N/m (1530 lbs/ft)  
**Weight:** 7,4 Kg/m² (1.51 lbs/ft².)  
**Pin material:** PBT (white)  
**Standard length:**  
 width ≤ 340 mm: 3,05 m  
 width > 340 mm ≤ 1700 mm: 1,52 m  
 width > 1700 mm: on request



**3 0 3 9 5 a**



Information about this product is only available on our Smart Guide® website.

Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

Other versions for 25,4 mm (1") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert
<b>RTC</b> Roller top	<b>RF</b> Roller Flow
	<b>FT</b> Vacuum

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	<b>NGE2250FT-PT-M0085T</b>
170	6.69	<b>NGE2250FT-PT-M0170T</b>
255	10.04	<b>NGE2250FT-PT-M0255T</b>
340	13.39	<b>NGE2250FT-PT-M0340T</b>
425	16.73	<b>NGE2250FT-PT-M0425T</b>
510	20.08	<b>NGE2250FT-PT-M0510T</b>

Other widths available on request.

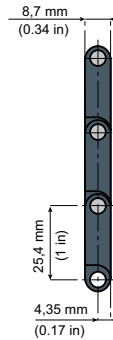
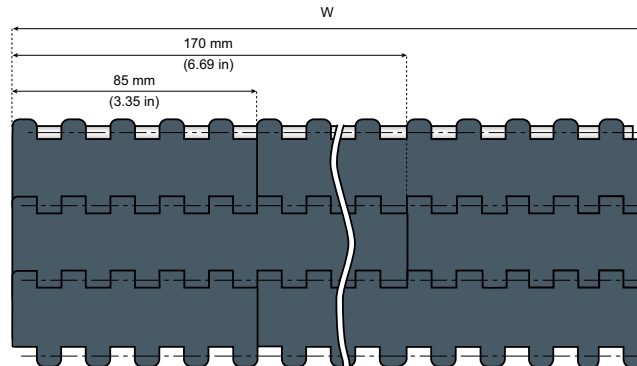
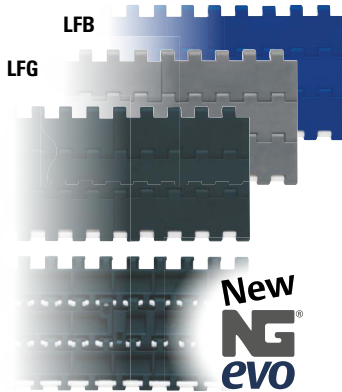
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 3 2 5 a

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

www.SystemPlastSmartGuide.com

FLAT TOP VERSION

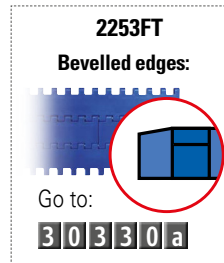


**NG® evo** conveyor components  
made from engineered plastic resin

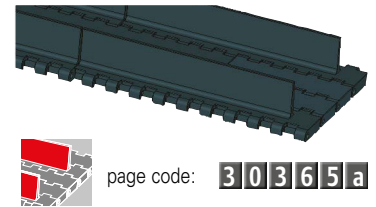
- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

**Backflex radius:** 25 mm (0.98 in)  
**Max load capacity (LFG & LFB):** 25000 N/m (1700 lbs/ft.)  
**Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request



**Belts with flights**



**Standard materials**

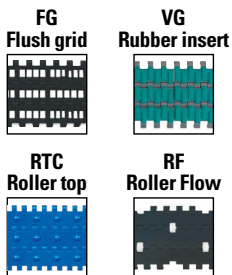
NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
New Generation®	Low friction acetal resin	

materials details:  
**7 3 5 6 3 a**

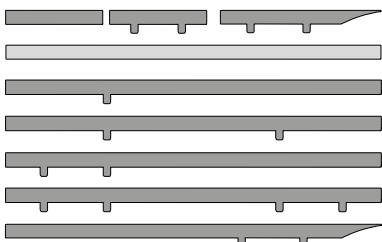
Information about this product is only available on our Smart Guide® website.

## 3 0 3 9 5 a

Other versions for 25,4 mm (1") belts:



Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)



WIDTH W		ITEM DESCRIPTION		
mm	in	NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
85	3.35	NGE2250FT-M0085	LFG2250FT-M0085	LFB2250FT-M0085
170	6.69	NGE2250FT-M0170	LFG2250FT-M0170	LFB2250FT-M0170
255	10.04	NGE2250FT-M0255	LFG2250FT-M0255	LFB2250FT-M0255
340	13.39	NGE2250FT-M0340	LFG2250FT-M0340	LFB2250FT-M0340
425	16.73	NGE2250FT-M0425	LFG2250FT-M0425	LFB2250FT-M0425
510	20.08	NGE2250FT-M0510	LFG2250FT-M0510	LFB2250FT-M0510
595	23.43	NGE2250FT-M0595	LFG2250FT-M0595	LFB2250FT-M0595
680	26.77	NGE2250FT-M0680	LFG2250FT-M0680	LFB2250FT-M0680
765	30.12	NGE2250FT-M0765	LFG2250FT-M0765	LFB2250FT-M0765
850	33.46	NGE2250FT-M0850	LFG2250FT-M0850	LFB2250FT-M0850
935	36.81	NGE2250FT-M0935	LFG2250FT-M0935	LFB2250FT-M0935
1020	40.16	NGE2250FT-M1020	LFG2250FT-M1020	LFB2250FT-M1020
1105	43.50	NGE2250FT-M1105	LFG2250FT-M1105	LFB2250FT-M1105
1190	46.85	NGE2250FT-M1190	LFG2250FT-M1190	LFB2250FT-M1190
1275	50.20	NGE2250FT-M1275	LFG2250FT-M1275	LFB2250FT-M1275
1360	53.54	NGE2250FT-M1360	LFG2250FT-M1360	LFB2250FT-M1360
1445	56.89	NGE2250FT-M1445	LFG2250FT-M1445	LFB2250FT-M1445
1530	60.24	NGE2250FT-M1530	LFG2250FT-M1530	LFB2250FT-M1530
1615	63.58	NGE2250FT-M1615	LFG2250FT-M1615	LFB2250FT-M1615
1700	66.93	NGE2250FT-M1700	LFG2250FT-M1700	LFB2250FT-M1700
1785	70.28	NGE2250FT-M1785	LFG2250FT-M1785	LFB2250FT-M1785
1870	73.62	NGE2250FT-M1870	LFG2250FT-M1870	LFB2250FT-M1870
1955	76.97	NGE2250FT-M1955	LFG2250FT-M1955	LFB2250FT-M1955
2040	80.31	NGE2250FT-M2040	LFG2250FT-M2040	LFB2250FT-M2040
2125	83.66	NGE2250FT-M2125	LFG2250FT-M2125	LFB2250FT-M2125
2210	87.01	NGE2250FT-M2210	LFG2250FT-M2210	LFB2250FT-M2210
2295	90.35	NGE2250FT-M2295	LFG2250FT-M2295	LFB2250FT-M2295

Other widths available on request.

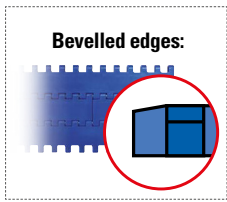
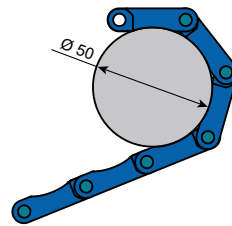
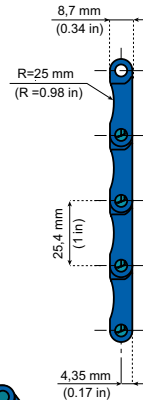
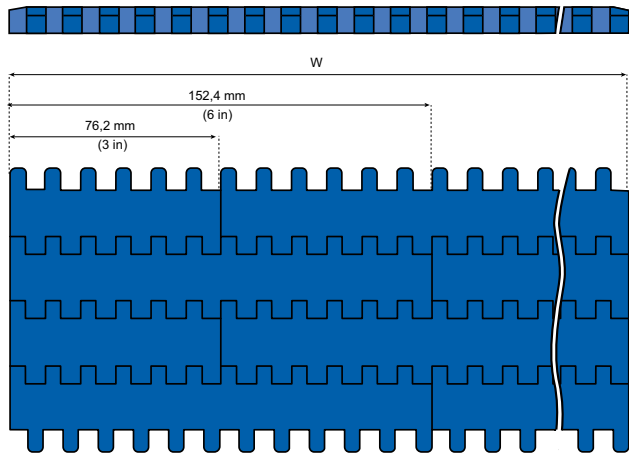
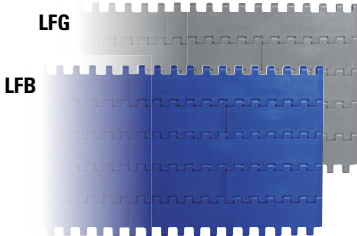
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30330a

### 25,4 mm (1") 2253 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### FLAT TOP VERSION - 76,2 mm (3 in) MODULES

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**Backflex radius:** 40 mm (1.58 in)  
**Max load capacity:** 25000 N/m (1700 lbs/ft.)  
**Weight:** 7,3 Kg/m<sup>2</sup> (1.49 lbs/ft.<sup>2</sup>)  
**Standard pin material:** PBT (white)  
**Standard length:**  
width ≤ 15 in: 3,05 m (10 ft.)  
width > 15 in ≤ 66 in: 1,52 m (5 ft.)  
width > 66 in: on request



Information about this product is only available on our Smart Guide® website.

Other versions for 25,4 mm (1") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert
<b>RTC</b> Roller top	<b>RF</b> Roller Flow
<b>FT</b> Vacuum	

**Standard materials**

**LFB (BLUE)**  
Low friction acetal resin

**LFG (GREY)**  
Low friction acetal resin

materials details:

Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

**Other versions for 25,4 mm (1") belts:**

Also available in metric version. Go to:

WIDTH W		ITEM DESCRIPTION	
mm	in	LFB (BLUE)	LFG (GREY)
76	3.00	LFB2253FT-K300	LFG2253FT-K300
152	6.00	LFB2253FT-K600	LFG2253FT-K600
229	9.00	LFB2253FT-K900	LFG2253FT-K900
305	12.00	LFB2253FT-K1200	LFG2253FT-K1200
381	15.00	LFB2253FT-K1500	LFG2253FT-K1500
457	18.00	LFB2253FT-K1800	LFG2253FT-K1800
533	21.00	LFB2253FT-K2100	LFG2253FT-K2100
610	24.00	LFB2253FT-K2400	LFG2253FT-K2400
686	27.00	LFB2253FT-K2700	LFG2253FT-K2700
762	30.00	LFB2253FT-K3000	LFG2253FT-K3000
838	33.00	LFB2253FT-K3300	LFG2253FT-K3300
914	36.00	LFB2253FT-K3600	LFG2253FT-K3600
991	39.00	LFB2253FT-K3900	LFG2253FT-K3900
1067	42.00	LFB2253FT-K4200	LFG2253FT-K4200
1143	45.00	LFB2253FT-K4500	LFG2253FT-K4500
1219	48.00	LFB2253FT-K4800	LFG2253FT-K4800
1295	51.00	LFB2253FT-K5100	LFG2253FT-K5100
1372	54.00	LFB2253FT-K5400	LFG2253FT-K5400
1448	57.00	LFB2253FT-K5700	LFG2253FT-K5700
1524	60.00	LFB2253FT-K6000	LFG2253FT-K6000
1600	63.00	LFB2253FT-K6300	LFG2253FT-K6300
1676	66.00	LFB2253FT-K6600	LFG2253FT-K6600
1753	69.00	LFB2253FT-K6900	LFG2253FT-K6900
1829	72.00	LFB2253FT-K7200	LFG2253FT-K7200
1905	75.00	LFB2253FT-K7500	LFG2253FT-K7500
1981	78.00	LFB2253FT-K7800	LFG2253FT-K7800
2057	81.00	LFB2253FT-K8100	LFG2253FT-K8100
2134	84.00	LFB2253FT-K8400	LFG2253FT-K8400
2210	87.00	LFB2253FT-K8700	LFG2253FT-K8700
2286	90.00	LFB2253FT-K9000	LFG2253FT-K9000
2362	93.00	LFB2253FT-K9300	LFG2253FT-K9300
2438	96.00	LFB2253FT-K9600	LFG2253FT-K9600

Other widths available on request.

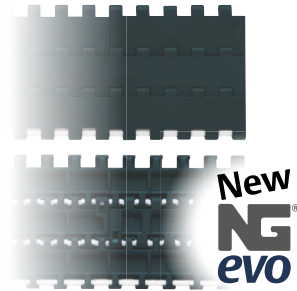
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 3 3 5 a

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### FLAT TOP VERSION WITH POSITIONERS

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**NG® evo** conveyor components made from engineered plastic resin

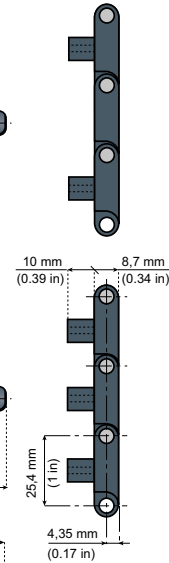
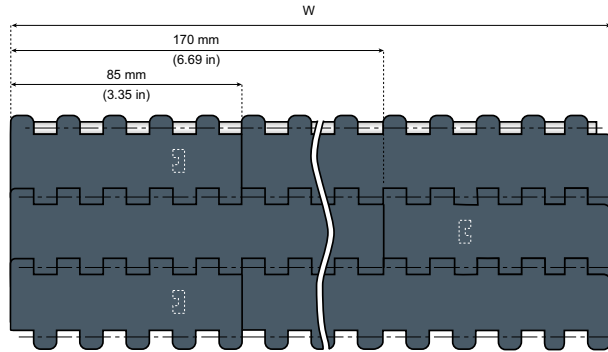
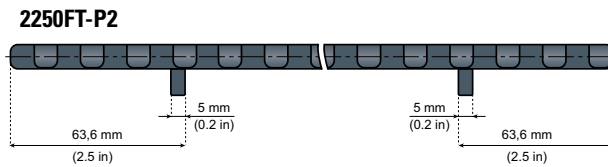
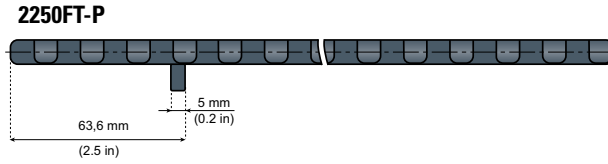
- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance

It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact

Less dust than with acetal chains

More.....

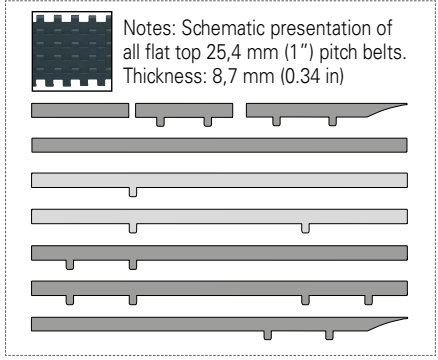
**Backflex radius:** 25 mm (0.98 in)  
**Max load capacity:** 22500 N/m (1530 lbs/ft.)  
**Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request



## 3 0 3 9 5 a

Other versions for 25,4 mm (1") belts:

- FG Flush grid**
- VG Rubber insert**
- RTC Roller top**
- RF Roller Flow**
- FT Vacuum**



Information about this product is only available on our Smart Guide® website.

**Standard material**  
**NGE (GREY BLUE)**  
New Generation®  
materials details:  
**7 3 5 6 3 a**

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2250FT-P-M0085	Go to: <b>3 0 3 3 5 b</b>
170	6.69	NGE2250FT-P-M0170	NGE2250FT-P2-M0170
255	10.04	NGE2250FT-P-M0255	NGE2250FT-P2-M0255
340	13.39	NGE2250FT-P-M0340	NGE2250FT-P2-M0340
425	16.73	NGE2250FT-P-M0425	NGE2250FT-P2-M0425
510	20.08	NGE2250FT-P-M0510	NGE2250FT-P2-M0510
595	23.43	NGE2250FT-P-M0595	NGE2250FT-P2-M0595
680	26.77	NGE2250FT-P-M0680	NGE2250FT-P2-M0680
765	30.12	NGE2250FT-P-M0765	NGE2250FT-P2-M0765
850	33.46	NGE2250FT-P-M0850	NGE2250FT-P2-M0850
935	36.81	NGE2250FT-P-M0935	NGE2250FT-P2-M0935
1020	40.16	NGE2250FT-P-M1020	NGE2250FT-P2-M1020
1105	43.50	NGE2250FT-P-M1105	NGE2250FT-P2-M1105
1190	46.85	NGE2250FT-P-M1190	NGE2250FT-P2-M1190
1275	50.20	NGE2250FT-P-M1275	NGE2250FT-P2-M1275
1360	53.54	NGE2250FT-P-M1360	NGE2250FT-P2-M1360
1445	56.89	NGE2250FT-P-M1445	NGE2250FT-P2-M1445
1530	60.24	NGE2250FT-P-M1530	NGE2250FT-P2-M1530
1615	63.58	NGE2250FT-P-M1615	NGE2250FT-P2-M1615
1700	66.93	NGE2250FT-P-M1700	NGE2250FT-P2-M1700
1785	70.28	NGE2250FT-P-M1785	NGE2250FT-P2-M1785
1870	73.62	NGE2250FT-P-M1870	NGE2250FT-P2-M1870

Other widths available on request.



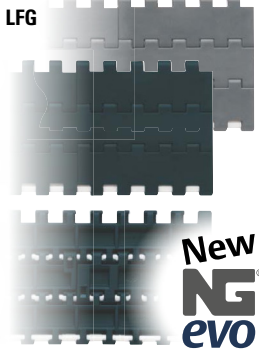
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30335b

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### FLAT TOP VERSION WITH TWIN POSITIONERS

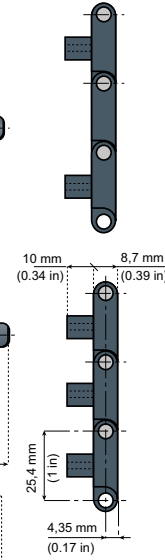
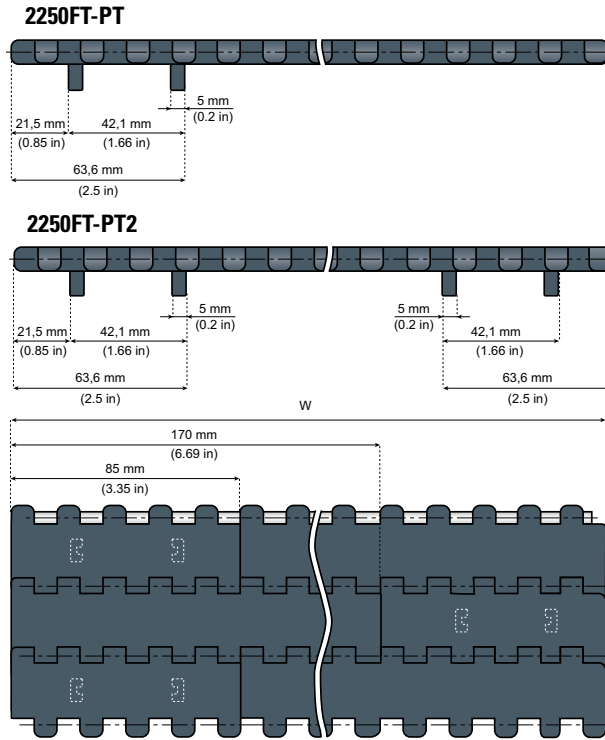
www.SystemPlastSmartGuide.com



**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

**Backflex radius:** 25 mm (0.98 in)  
**Max load capacity (LFG):** 25000 N/m (1700 lbs/ft.)  
**Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request



Other versions for 25,4 mm (1") belts:

- FG Flush grid**
- VG Rubber insert**
- RTC Roller top**
- RF Roller Flow**
- FT Vacuum**

Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

**30395a**

Information about this product is only available on our Smart Guide® website.

**Standard materials**

**NGE (GREY BLUE)**

New Generation®

**LFG (GREY)**

Low friction acetal resin

materials details: **73563a**

WIDTH W		ITEM DESCRIPTION	
mm	in	NGE (GREY BLUE)	LFG (GREY)
85	3.35	NGE2250FT-PT-M0085	LFG2250FT-PT-M0085
170	6.69	NGE2250FT-PT-M0170	LFG2250FT-PT-M0170
255	10.04	NGE2250FT-PT-M0255	LFG2250FT-PT-M0255
340	13.39	NGE2250FT-PT-M0340	LFG2250FT-PT-M0340
425	16.73	NGE2250FT-PT-M0425	LFG2250FT-PT-M0425
510	20.08	NGE2250FT-PT-M0510	LFG2250FT-PT-M0510
595	23.43	NGE2250FT-PT-M0595	LFG2250FT-PT-M0595
680	26.77	NGE2250FT-PT-M0680	LFG2250FT-PT-M0680
765	30.12	NGE2250FT-PT-M0765	LFG2250FT-PT-M0765
850	33.46	NGE2250FT-PT-M0850	LFG2250FT-PT-M0850
935	36.81	NGE2250FT-PT-M0935	LFG2250FT-PT-M0935
1020	40.16	NGE2250FT-PT-M1020	LFG2250FT-PT-M1020
1105	43.50	NGE2250FT-PT-M1105	LFG2250FT-PT-M1105
1190	46.85	NGE2250FT-PT-M1190	LFG2250FT-PT-M1190
1275	50.20	NGE2250FT-PT-M1275	LFG2250FT-PT-M1275
1360	53.54	NGE2250FT-PT-M1360	LFG2250FT-PT-M1360
1445	56.89	NGE2250FT-PT-M1445	LFG2250FT-PT-M1445
1530	60.24	NGE2250FT-PT-M1530	LFG2250FT-PT-M1530
1615	63.58	NGE2250FT-PT-M1615	LFG2250FT-PT-M1615
1700	66.93	NGE2250FT-PT-M1700	LFG2250FT-PT-M1700
1785	70.28	NGE2250FT-PT-M1785	LFG2250FT-PT-M1785
1870	73.62	NGE2250FT-PT-M1870	LFG2250FT-PT-M1870

ITEM DESCRIPTION	
NGE (GREY BLUE)	LFG (GREY)
-	-
NGE2250FT-PT2-M0170	LFG2250FT-PT2-M0170
NGE2250FT-PT2-M0255	LFG2250FT-PT2-M0255
NGE2250FT-PT2-M0340	LFG2250FT-PT2-M0340
NGE2250FT-PT2-M0425	LFG2250FT-PT2-M0425
NGE2250FT-PT2-M0510	LFG2250FT-PT2-M0510
NGE2250FT-PT2-M0595	LFG2250FT-PT2-M0595
NGE2250FT-PT2-M0680	LFG2250FT-PT2-M0680
NGE2250FT-PT2-M0765	LFG2250FT-PT2-M0765
NGE2250FT-PT2-M0850	LFG2250FT-PT2-M0850
NGE2250FT-PT2-M0935	LFG2250FT-PT2-M0935
NGE2250FT-PT2-M1020	LFG2250FT-PT2-M1020
NGE2250FT-PT2-M1105	LFG2250FT-PT2-M1105
NGE2250FT-PT2-M1190	LFG2250FT-PT2-M1190
NGE2250FT-PT2-M1275	LFG2250FT-PT2-M1275
NGE2250FT-PT2-M1360	LFG2250FT-PT2-M1360
NGE2250FT-PT2-M1445	LFG2250FT-PT2-M1445
NGE2250FT-PT2-M1530	LFG2250FT-PT2-M1530
NGE2250FT-PT2-M1615	LFG2250FT-PT2-M1615
NGE2250FT-PT2-M1700	LFG2250FT-PT2-M1700
NGE2250FT-PT2-M1785	LFG2250FT-PT2-M1785
NGE2250FT-PT2-M1870	LFG2250FT-PT2-M1870

Other widths available on request.

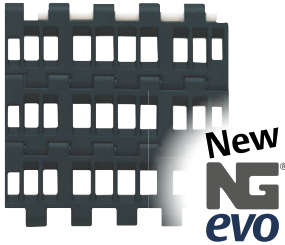
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 4 0 a**

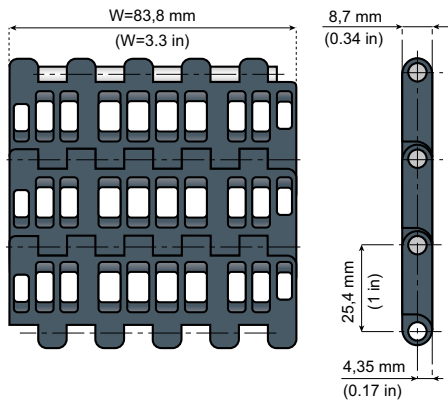
**25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)**

**SINGLE TRACK FLUSH GRID**

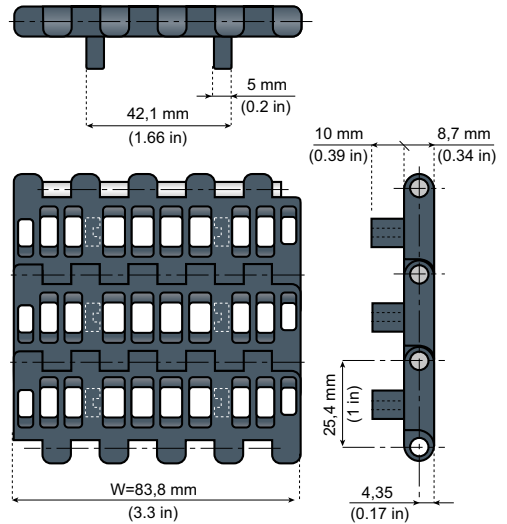
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**2250FG- K330**



**2250FG-PT-K330**



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Pin material:** PBT (white)

**Open surface:** 23%

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2250FG-K330	NGE Grey Blue	83,8	3.3	25,4	1	25	0.98	1890	425	0,5	0.34
NGE2250FG-PT-K330											

**Standard length:** 120 pitches (3,05 m - 10 ft.)

**3 0 3 9 5 a**

Other versions for 25,4 mm (1") belts:

**FT**  
Flat top

**FT**  
Vacuum

**VG**  
Rubber insert

**RTC**  
Roller top

**RF**  
Roller Flow

Notes: Schematic presentation of all flush grid 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**7 3 5 6 3 a**

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 5 0 a**

## 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

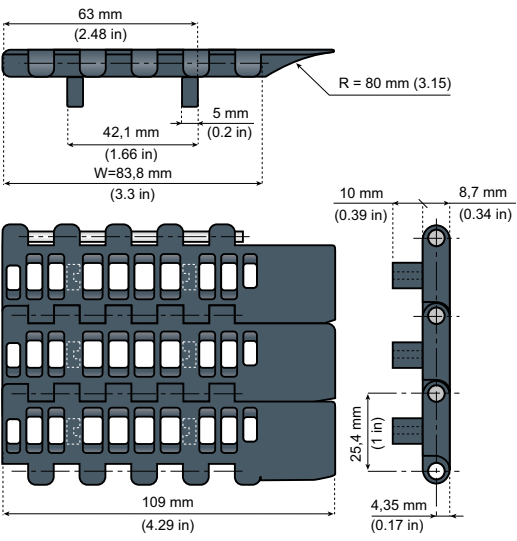
**FLUSH GRID VERSION**



**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

### SINGLE TRACK



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

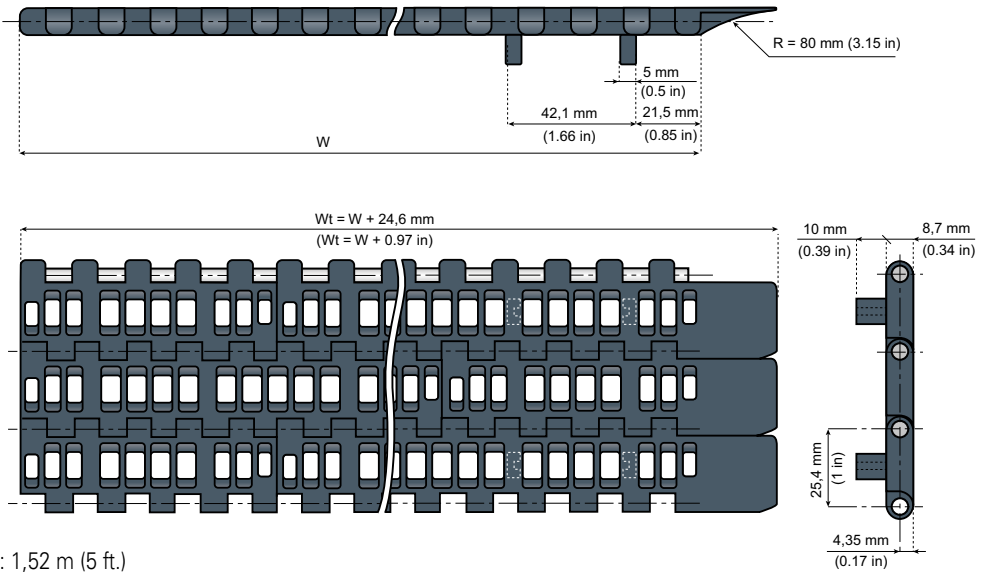
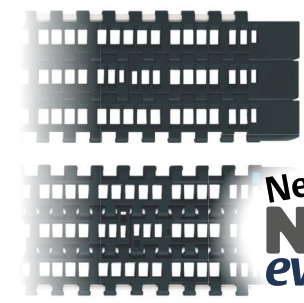
**7 3 5 6 3 a**

**Open surface: 23%**

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH P		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2250FG-PT-K330T	NGE Grey Blue	83,8	3.3	25,4	1	30	1.18	1890	425	0,7	0.47

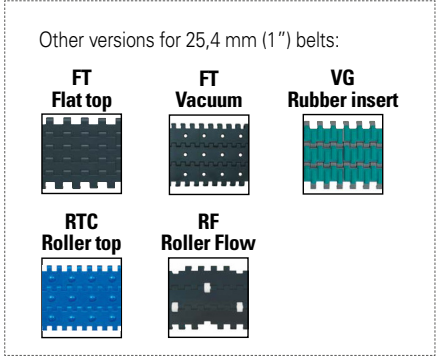
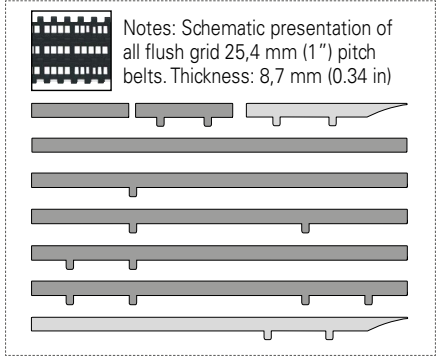
Standard length: 120 pitches (3,05 m - 10 ft)

### WIDER VERSIONS

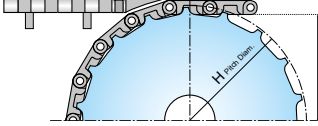


**Backflex radius:** 30 mm (1.18)  
**Max load capacity:** 22500 N/m (1530 lbs/ft.)  
**Weight:** 7,5 Kg/m<sup>2</sup> (1.53 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Open surface:** 23%  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request

**3 0 3 9 5 a**



### EXAMPLE INSTALLATION



WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2250FG-PT-M0085T
170	6.69	NGE2250FG-PT-M0170T
255	10.04	NGE2250FG-PT-M0255T
340	13.39	NGE2250FG-PT-M0340T
425	16.73	NGE2250FG-PT-M0425T
510	20.08	NGE2250FG-PT-M0510T

Other widths available on request.

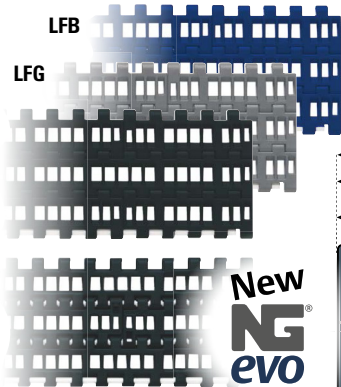
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 6 0 a**

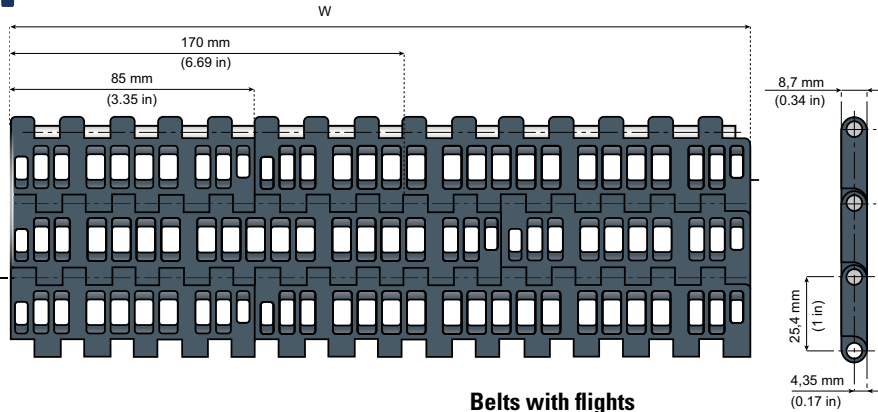
**25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)**

**FLUSH GRID VERSION**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



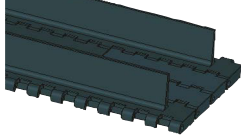
**New NG evo**



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Backflex radius:** 25 mm (0.98 in)  
**Max load capacity (LFG & LFB):** 25000 N/m (1700 lbs/ft.)  
**Weight:** 7,3 Kg/m<sup>2</sup> (1.48 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Open surface:** 23%  
**Standard length:**  
 width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request

**Belts with flights**



page code:  
**3 0 3 6 5 a**

**Standard materials**

NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
New Generation®	Low friction acetal resin	



Information about this product is only available on our Smart Guide® website.

materials details:  
**7 3 5 6 3 a**

**3 0 3 9 5 a**

Other versions for 25,4 mm (1") belts:

<b>FT</b> Flat top	<b>FT</b> Vacuum	<b>VG</b> Rubber insert
<b>RTC</b> Roller top	<b>RF</b> Roller Flow	

Notes: Schematic presentation of all flush grid 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

WIDTH W		ITEM DESCRIPTION		
mm	in	NGE (GREY BLUE)	LFG (GREY)	LFB (BLUE)
85	3.35	NGE2250FG-M0085	LFG2250FG-M0085	LFB2250FG-M0085
170	6.69	NGE2250FG-M0170	LFG2250FG-M0170	LFB2250FG-M0170
255	10.04	NGE2250FG-M0255	LFG2250FG-M0255	LFB2250FG-M0255
340	13.39	NGE2250FG-M0340	LFG2250FG-M0340	LFB2250FG-M0340
425	16.73	NGE2250FG-M0425	LFG2250FG-M0425	LFB2250FG-M0425
510	20.08	NGE2250FG-M0510	LFG2250FG-M0510	LFB2250FG-M0510
595	23.43	NGE2250FG-M0595	LFG2250FG-M0595	LFB2250FG-M0595
680	26.77	NGE2250FG-M0680	LFG2250FG-M0680	LFB2250FG-M0680
765	30.12	NGE2250FG-M0765	LFG2250FG-M0765	LFB2250FG-M0765
850	33.46	NGE2250FG-M0850	LFG2250FG-M0850	LFB2250FG-M0850
935	36.81	NGE2250FG-M0935	LFG2250FG-M0935	LFB2250FG-M0935
1020	40.16	NGE2250FG-M1020	LFG2250FG-M1020	LFB2250FG-M1020
1105	43.50	NGE2250FG-M1105	LFG2250FG-M1105	LFB2250FG-M1105
1190	46.85	NGE2250FG-M1190	LFG2250FG-M1190	LFB2250FG-M1190
1275	50.20	NGE2250FG-M1275	LFG2250FG-M1275	LFB2250FG-M1275
1360	53.54	NGE2250FG-M1360	LFG2250FG-M1360	LFB2250FG-M1360
1445	56.89	NGE2250FG-M1445	LFG2250FG-M1445	LFB2250FG-M1445
1530	60.24	NGE2250FG-M1530	LFG2250FG-M1530	LFB2250FG-M1530
1615	63.58	NGE2250FG-M1615	LFG2250FG-M1615	LFB2250FG-M1615
1700	66.93	NGE2250FG-M1700	LFG2250FG-M1700	LFB2250FG-M1700
1785	70.28	NGE2250FG-M1785	LFG2250FG-M1785	LFB2250FG-M1785
1870	73.62	NGE2250FG-M1870	LFG2250FG-M1870	LFB2250FG-M1870
1955	76.97	NGE2250FG-M1955	LFG2250FG-M1955	LFB2250FG-M1955
2040	80.31	NGE2250FG-M2040	LFG2250FG-M2040	LFB2250FG-M2040
2125	83.66	NGE2250FG-M2125	LFG2250FG-M2125	LFB2250FG-M2125
2210	87.01	NGE2250FG-M2210	LFG2250FG-M2210	LFB2250FG-M2210
2295	90.35	NGE2250FG-M2295	LFG2250FG-M2295	LFB2250FG-M2295

Other widths available on request.

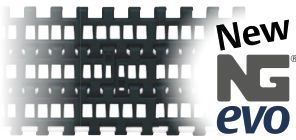
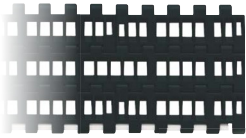
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30360b

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

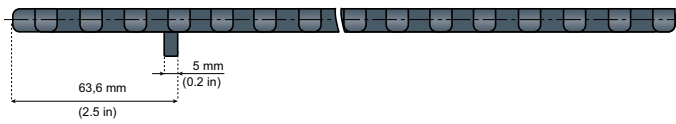
**FLUSH GRID VERSION WITH POSITIONERS**



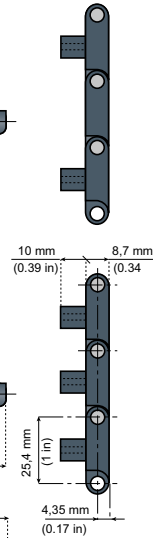
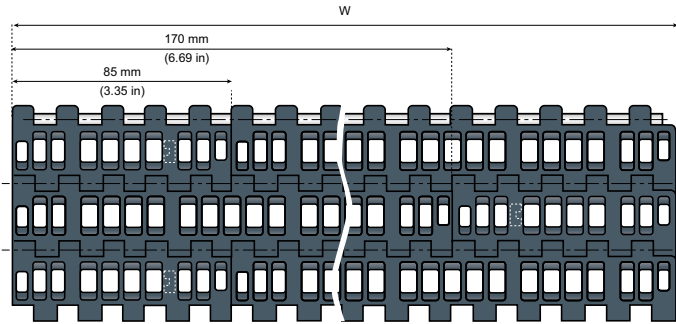
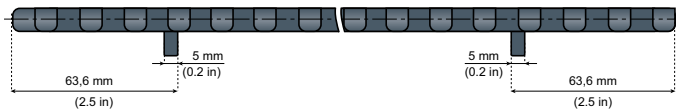
**NG® evo conveyor components**  
 made from **engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Backflex radius:** 25 mm (0.98 in)  
**Max load capacity:**  
 22500 N/m (1530 lbs/ft.)  
**Weight:** 7,3 Kg/m<sup>2</sup> (1.48 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Open surface:** 23%  
**Standard length:**  
 width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request

**2250FG-P**

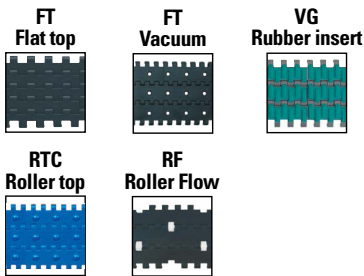


**2250FG-P2**

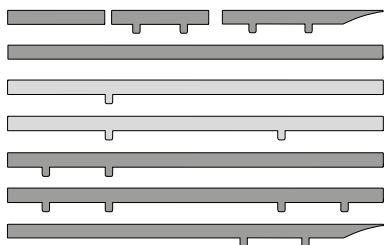


**30395a**

Other versions for 25,4 mm (1") belts:



Notes: Schematic presentation of all flush grid 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:  
**73563a**

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2250FG-P-M0085	-
170	6.69	NGE2250FG-P-M0170	NGE2250FG-P2-M0170
255	10.04	NGE2250FG-P-M0255	NGE2250FG-P2-M0255
340	13.39	NGE2250FG-P-M0340	NGE2250FG-P2-M0340
425	16.73	NGE2250FG-P-M0425	NGE2250FG-P2-M0425
510	20.08	NGE2250FG-P-M0510	NGE2250FG-P2-M0510
595	23.43	NGE2250FG-P-M0595	NGE2250FG-P2-M0595
680	26.77	NGE2250FG-P-M0680	NGE2250FG-P2-M0680
765	30.12	NGE2250FG-P-M0765	NGE2250FG-P2-M0765
850	33.46	NGE2250FG-P-M0850	NGE2250FG-P2-M0850
935	36.81	NGE2250FG-P-M0935	NGE2250FG-P2-M0935
1020	40.16	NGE2250FG-P-M1020	NGE2250FG-P2-M1020
1105	43.50	NGE2250FG-P-M1105	NGE2250FG-P2-M1105
1190	46.85	NGE2250FG-P-M1190	NGE2250FG-P2-M1190
1275	50.20	NGE2250FG-P-M1275	NGE2250FG-P2-M1275
1360	53.54	NGE2250FG-P-M1360	NGE2250FG-P2-M1360
1445	56.89	NGE2250FG-P-M1445	NGE2250FG-P2-M1445
1530	60.24	NGE2250FG-P-M1530	NGE2250FG-P2-M1530
1615	63.58	NGE2250FG-P-M1615	NGE2250FG-P2-M1615
1700	66.93	NGE2250FG-P-M1700	NGE2250FG-P2-M1700
1785	70.28	NGE2250FG-P-M1785	NGE2250FG-P2-M1785
1870	73.62	NGE2250FG-P-M1870	NGE2250FG-P2-M1870

Other widths available on request.

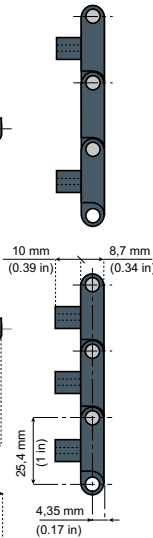
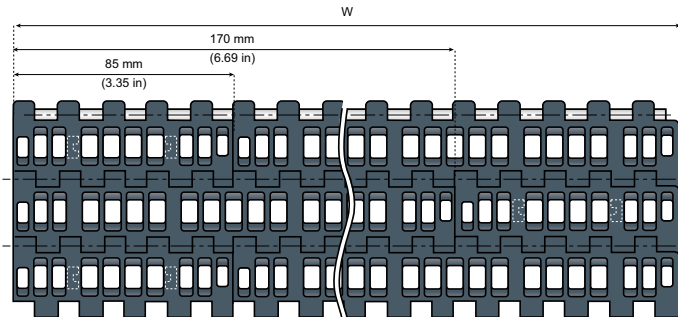
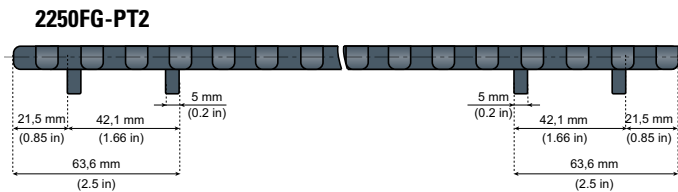
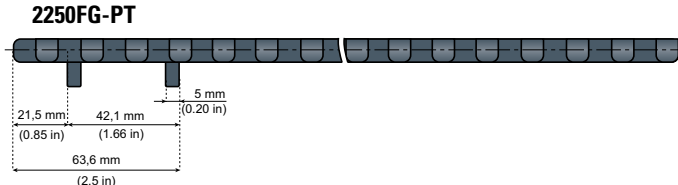
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30360c

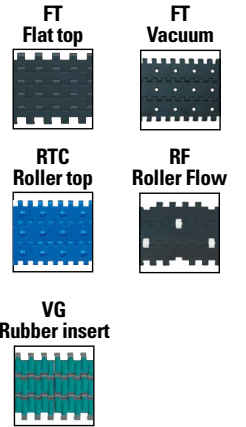
### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### FLUSH GRID VERSION WITH TWIN POSITIONERS

www.SystemPlastSmartGuide.com



Other versions for 25,4 mm (1") belts:



**NG® evo** conveyor components made from engineered plastic resin  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Backflex radius:**

25 mm (0.98 in)

**Max load capacity (LFG):**

25000 N/m (1700 lbs/ft.)

**Weight:** 7,3 Kg/m<sup>2</sup> (1.48 lbs/ft<sup>2</sup>.)

**Pin material:** PBT (white)

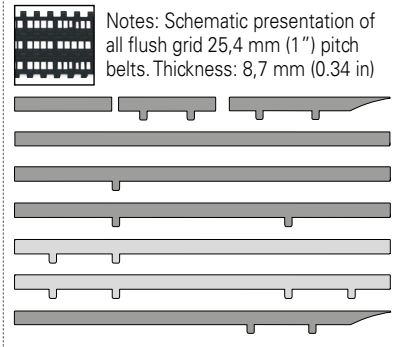
**Open surface:** 23%

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request



30395a



Information about this product is only available on our Smart Guide® website.

**Standard materials**

**NGE (GREY BLUE)**

New Generation®

**LFG (GREY)**

Low friction acetal resin

materials details:

73563a

WIDTH W		ITEM DESCRIPTION	
mm	in	NGE (GREY BLUE)	LFG (GREY)
85	3.35	NGE2250FG-PT-M0085	LFG2250FG-PT-M0085
170	6.69	NGE2250FG-PT-M0170	LFG2250FG-PT-M0170
255	10.04	NGE2250FG-PT-M0255	LFG2250FG-PT-M0255
340	13.39	NGE2250FG-PT-M0340	LFG2250FG-PT-M0340
425	16.73	NGE2250FG-PT-M0425	LFG2250FG-PT-M0425
510	20.08	NGE2250FG-PT-M0510	LFG2250FG-PT-M0510
595	23.43	NGE2250FG-PT-M0595	LFG2250FG-PT-M0595
680	26.77	NGE2250FG-PT-M0680	LFG2250FG-PT-M0680
765	30.12	NGE2250FG-PT-M0765	LFG2250FG-PT-M0765
850	33.46	NGE2250FG-PT-M0850	LFG2250FG-PT-M0850
935	36.81	NGE2250FG-PT-M0935	LFG2250FG-PT-M0935
1020	40.16	NGE2250FG-PT-M1020	LFG2250FG-PT-M1020
1105	43.50	NGE2250FG-PT-M1105	LFG2250FG-PT-M1105
1190	46.85	NGE2250FG-PT-M1190	LFG2250FG-PT-M1190
1275	50.20	NGE2250FG-PT-M1275	LFG2250FG-PT-M1275
1360	53.54	NGE2250FG-PT-M1360	LFG2250FG-PT-M1360
1445	56.89	NGE2250FG-PT-M1445	LFG2250FG-PT-M1445
1530	60.24	NGE2250FG-PT-M1530	LFG2250FG-PT-M1530
1615	63.58	NGE2250FG-PT-M1615	LFG2250FG-PT-M1615
1700	66.93	NGE2250FG-PT-M1700	LFG2250FG-PT-M1700
1785	70.28	NGE2250FG-PT-M1785	LFG2250FG-PT-M1785
1870	73.62	NGE2250FG-PT-M1870	LFG2250FG-PT-M1870

ITEM DESCRIPTION	
NGE (GREY BLUE)	LFG (GREY)
-	-
NGE2250FG-PT2-M0170	LFG2250FG-PT2-M0170
NGE2250FG-PT2-M0255	LFG2250FG-PT2-M0255
NGE2250FG-PT2-M0340	LFG2250FG-PT2-M0340
NGE2250FG-PT2-M0425	LFG2250FG-PT2-M0425
NGE2250FG-PT2-M0510	LFG2250FG-PT2-M0510
NGE2250FG-PT2-M0595	LFG2250FG-PT2-M0595
NGE2250FG-PT2-M0680	LFG2250FG-PT2-M0680
NGE2250FG-PT2-M0765	LFG2250FG-PT2-M0765
NGE2250FG-PT2-M0850	LFG2250FG-PT2-M0850
NGE2250FG-PT2-M0935	LFG2250FG-PT2-M0935
NGE2250FG-PT2-M1020	LFG2250FG-PT2-M1020
NGE2250FG-PT2-M1105	LFG2250FG-PT2-M1105
NGE2250FG-PT2-M1190	LFG2250FG-PT2-M1190
NGE2250FG-PT2-M1275	LFG2250FG-PT2-M1275
NGE2250FG-PT2-M1360	LFG2250FG-PT2-M1360
NGE2250FG-PT2-M1445	LFG2250FG-PT2-M1445
NGE2250FG-PT2-M1530	LFG2250FG-PT2-M1530
NGE2250FG-PT2-M1615	LFG2250FG-PT2-M1615
NGE2250FG-PT2-M1700	LFG2250FG-PT2-M1700
NGE2250FG-PT2-M1785	LFG2250FG-PT2-M1785
NGE2250FG-PT2-M1870	LFG2250FG-PT2-M1870

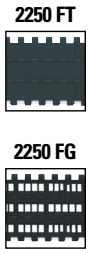
Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

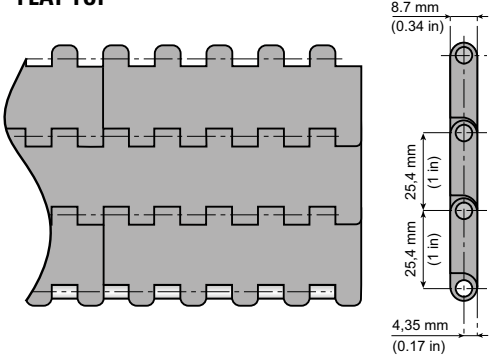
**3 0 3 6 5 a**

**25,4 mm (1") 2250 MODULAR BELTS WITH FLIGHTS**

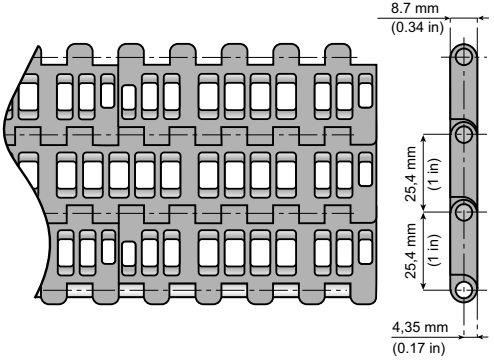
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**FLAT TOP**

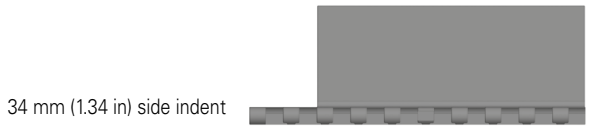
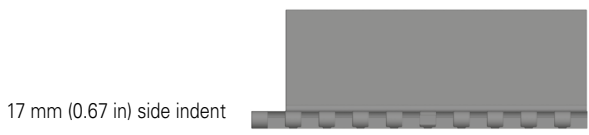
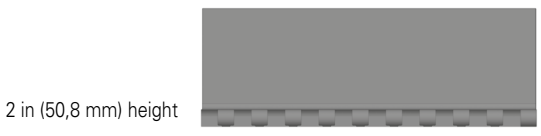
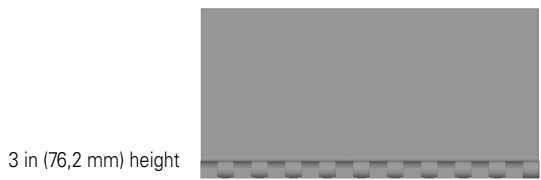


**FLUSH GRID**



continue ▶

**Example modules:**



Our 2250 series modular plastic belts can now be equipped with flights to convey products up an incline. The flights can be integrated into flat top or flush grid belts and can be made in different FDA approved materials and in different colors.

The height of the flights is 2 in, but also 1 in and 3 in height can be molded. The molded quality guarantees a smooth and hygienic product. It is easy to clean.

In order to facilitate a proper support of the belts in the return part of the conveyor, a belt can be made with side indents on the flights. The side indent can be 17, 34 or 51 mm with 51 mm being the standard indent. For wider belts it is even possible to have 1, 2 or 3 notches in between the flights.

The distance between 2 rows of flights can be made as required. You can just indicate the pitch between the rows that carry the flights.

continue ▶

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 3 6 5 b

### 25,4 mm (1") 2250 MODULAR BELTS WITH FLIGHTS

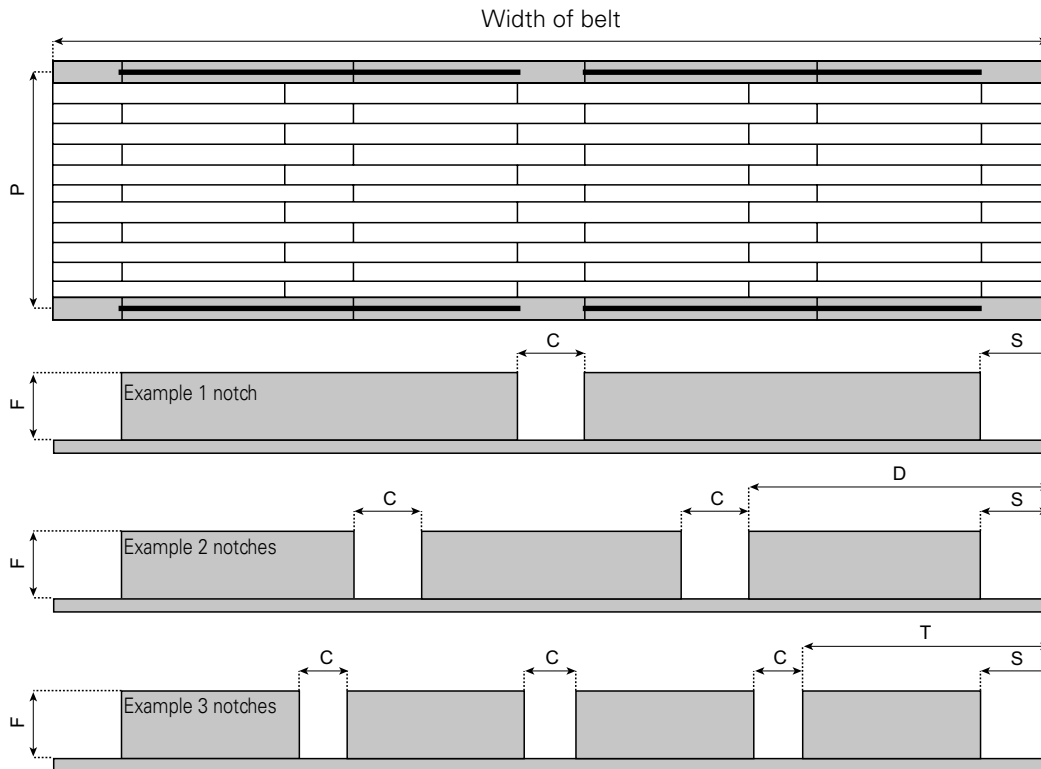
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QUESTIONNAIRE

2250 FT



2250 FG



◀ back

**Below you see an example of a questionnaire. If you select the belt version and tick the boxes of the dimensions that you require, we know exactly what belt to produce!**

QUESTIONNAIRE BELT WITH FLIGHTS				
<b>SERIES</b>	<input type="checkbox"/>	2250		
<b>STYLE</b>	<input type="checkbox"/>	Flat top		
	<input type="checkbox"/>	Flush grid		
<b>WIDTH IN mm</b>	<input type="checkbox"/>	Standard: multiples of 85 mm	<input type="text"/>	
	<input type="checkbox"/>	Special: multiples of 17 mm	<input type="text"/>	
<b>MATERIAL</b>	<input type="checkbox"/>	LFG (POM Grey)	<input type="checkbox"/>	Different:
	<input type="checkbox"/>	LFW (POM white)		Color:
	<input type="checkbox"/>	PPW (PP white)		
<b>HEIGHT OF FLIGHT [F]</b>	<input type="checkbox"/>	Preferred: 2 in (51 mm)	<input type="checkbox"/>	1 in (25 mm)
			<input type="checkbox"/>	3 in (76 mm; maximum)
			<input type="checkbox"/>	Special different: <input type="text"/> mm
<b>PITCH OF FLIGHTS [P]</b>		1 row of flights every:	<input type="text"/>	pitches
<b>SIDE INDENT [S]</b>	<input type="checkbox"/>	Standard: no side indent	<input type="checkbox"/>	17 mm
	<input type="checkbox"/>	Standard: 51 mm	<input type="checkbox"/>	34 mm
			<input type="checkbox"/>	Special different: <input type="text"/> mm
<b>NOTCH</b>	<input type="checkbox"/>	Standard: no notch	<input type="checkbox"/>	Special: 2 notches symmetrical
	<input type="checkbox"/>	Standard: 1 notch in centre	<input type="checkbox"/>	Special: 3 notches symmetrical
<b>WIDTH OF NOTCH(ES) [C] IN mm</b>	<input type="checkbox"/>	Standard: multiples of 17 mm	<input type="text"/>	<input type="checkbox"/>
<b>DISTANCE FROM SIDE OF OUTER NOTCH TO SIDE OF BELT IN mm</b>	<input type="checkbox"/>	2 notches, distance D	<input type="text"/>	
	<input type="checkbox"/>	3 notches, distance T	<input type="text"/>	

◀ back



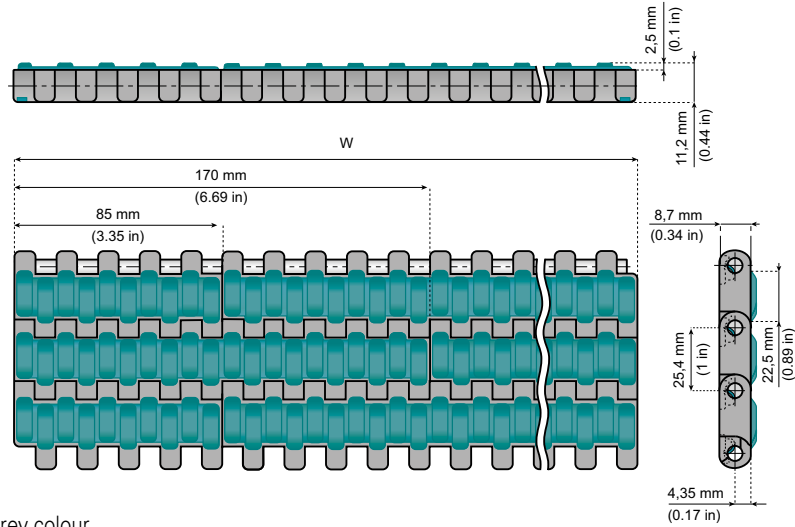
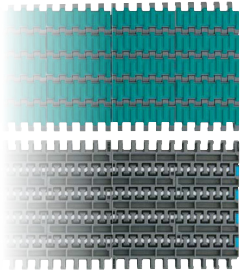
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30370a

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

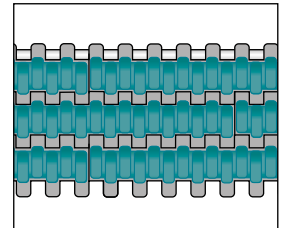
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RUBBER INSERT EVERY PITCH



**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 25000 N/m (1700 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request

**VG 2250**  
**Insert every pitch**



**Weight:**  
8,7 Kg/m<sup>2</sup> (1.77 lbs/ft.<sup>2</sup>)

## 30395a

#### Standard material

##### LFG (GREY)

Low friction acetal resin

materials details:

**73563a**

##### TPR (WATER BLUE)

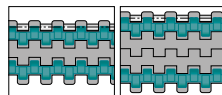
Thermoplastic rubber

materials details:

**73570a**



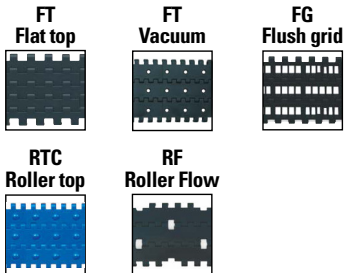
Information about this product is only available on our Smart Guide® website.



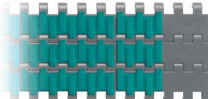
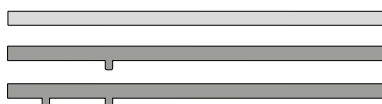
For insert every 2nd or 3th pitch, go to:

**30370b**

Other versions for 25,4 mm (1") belts:



Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)



Also available with side indent. Go to:

**30380a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	LFG2250FT-M0085VG
170	6.69	LFG2250FT-M0170VG
255	10.04	LFG2250FT-M0255VG
340	13.39	LFG2250FT-M0340VG
425	16.73	LFG2250FT-M0425VG
510	20.08	LFG2250FT-M0510VG
595	23.43	LFG2250FT-M0595VG
680	26.77	LFG2250FT-M0680VG
765	30.12	LFG2250FT-M0765VG
850	33.46	LFG2250FT-M0850VG
935	36.81	LFG2250FT-M0935VG
1020	40.16	LFG2250FT-M1020VG
1105	43.50	LFG2250FT-M1105VG
1190	46.85	LFG2250FT-M1190VG
1275	50.20	LFG2250FT-M1275VG
1360	53.54	LFG2250FT-M1360VG
1445	56.89	LFG2250FT-M1445VG
1530	60.24	LFG2250FT-M1530VG
1615	63.58	LFG2250FT-M1615VG
1700	66.93	LFG2250FT-M1700VG
1785	70.28	LFG2250FT-M1785VG
1870	73.62	LFG2250FT-M1870VG
1955	76.97	LFG2250FT-M1955VG
2040	80.31	LFG2250FT-M2040VG

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

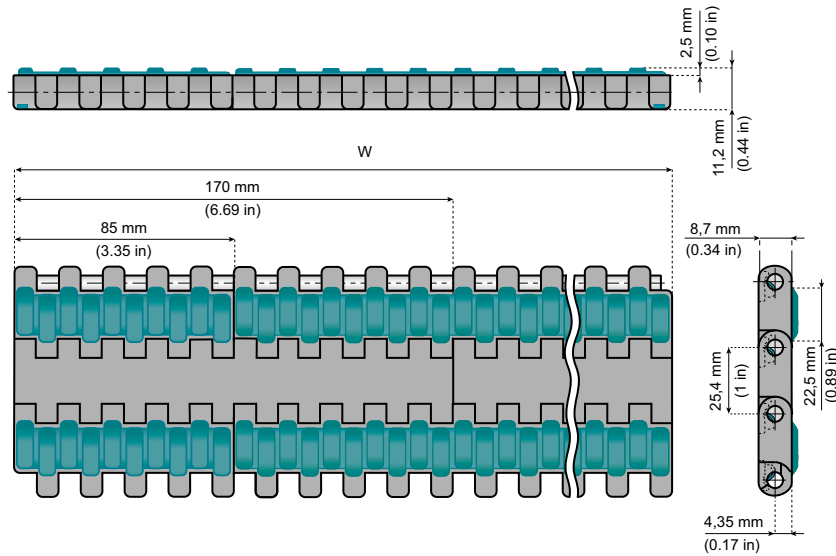
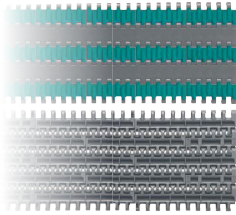


## 30370b

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### RUBBER INSERT EVERY 2nd & 3th PITCH

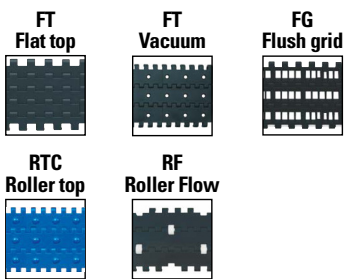
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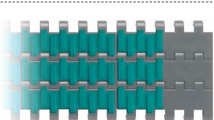
**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 25000 N/m (1700 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request

## 30395a

Other versions for 25,4 mm (1") belts:

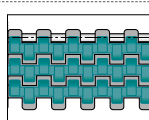


Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)



Also available with side indent. Go to:

**30380a**



For insert every pitch, go to:

**30370a**

Information about this product is only available on our Smart Guide® website.

**Standard material**

**LFG (GREY)**

Low friction acetal resin

materials details:

**73563a**

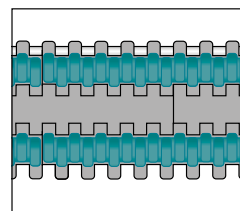
**TPR (WATER BLUE)**

Thermoplastic rubber

materials details:

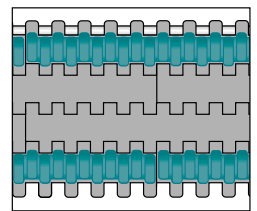
**73570a**

**VG2 2250**  
Insert every 2nd pitch



**Weight:**  
8,1 Kg/m<sup>2</sup> (1.66 lbs/ft.<sup>2</sup>)

**VG3 2250**  
Insert every 3th pitch



**Weight:**  
7,8 Kg/m<sup>2</sup> (1.59 lbs/ft.<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	LFG2250FT-M0085VG-2	LFG2250FT-M0085VG-3
170	6.69	LFG2250FT-M0170VG-2	LFG2250FT-M0170VG-3
255	10.04	LFG2250FT-M0255VG-2	LFG2250FT-M0255VG-3
340	13.39	LFG2250FT-M0340VG-2	LFG2250FT-M0340VG-3
425	16.73	LFG2250FT-M0425VG-2	LFG2250FT-M0425VG-3
510	20.08	LFG2250FT-M0510VG-2	LFG2250FT-M0510VG-3
595	23.43	LFG2250FT-M0595VG-2	LFG2250FT-M0595VG-3
680	26.77	LFG2250FT-M0680VG-2	LFG2250FT-M0680VG-3
765	30.12	LFG2250FT-M0765VG-2	LFG2250FT-M0765VG-3
850	33.46	LFG2250FT-M0850VG-2	LFG2250FT-M0850VG-3
935	36.81	LFG2250FT-M0935VG-2	LFG2250FT-M0935VG-3
1020	40.16	LFG2250FT-M1020VG-2	LFG2250FT-M1020VG-3
1105	43.50	LFG2250FT-M1105VG-2	LFG2250FT-M1105VG-3
1190	46.85	LFG2250FT-M1190VG-2	LFG2250FT-M1190VG-3
1275	50.20	LFG2250FT-M1275VG-2	LFG2250FT-M1275VG-3
1360	53.54	LFG2250FT-M1360VG-2	LFG2250FT-M1360VG-3
1445	56.89	LFG2250FT-M1445VG-2	LFG2250FT-M1445VG-3
1530	60.24	LFG2250FT-M1530VG-2	LFG2250FT-M1530VG-3
1615	63.58	LFG2250FT-M1615VG-2	LFG2250FT-M1615VG-3
1700	66.93	LFG2250FT-M1700VG-2	LFG2250FT-M1700VG-3
1785	70.28	LFG2250FT-M1785VG-2	LFG2250FT-M1785VG-3
1870	73.62	LFG2250FT-M1870VG-2	LFG2250FT-M1870VG-3
1955	76.97	LFG2250FT-M1955VG-2	LFG2250FT-M1955VG-3
2040	80.31	LFG2250FT-M2040VG-2	LFG2250FT-M2040VG-3

Other widths available on request.

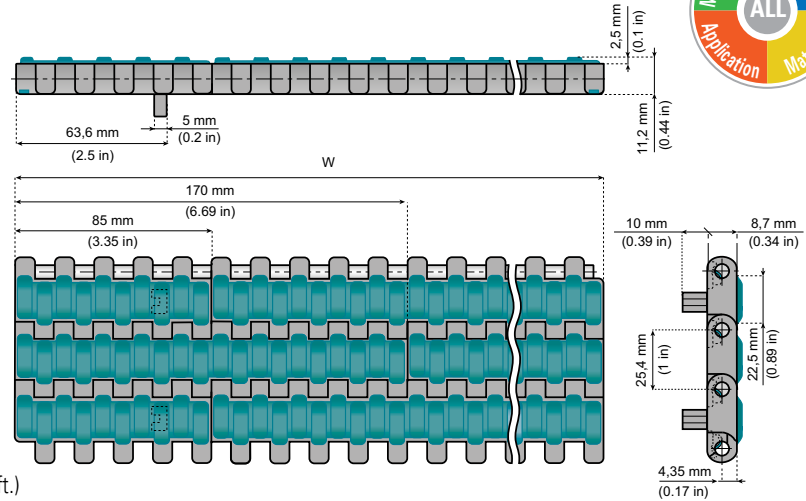
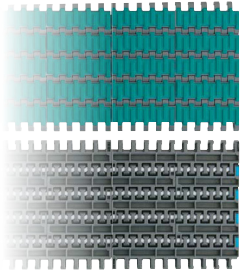
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30370c

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### VERSIONS WITH POSITIONERS / RUBBER INSERTS

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**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 25000 N/m (1700 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request

#### Standard material

##### LFG (GREY)

Low friction acetal resin

materials details:

**73563a**

##### TPR (WATER BLUE)

Thermoplastic rubber

materials details:

**73570a**

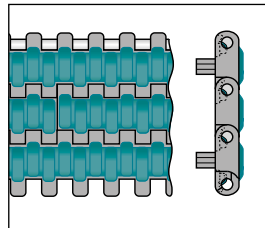


Information about this product is only available on our Smart Guide® website.



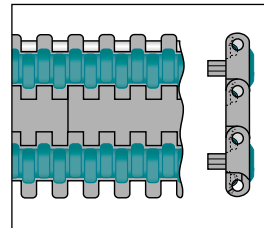
**30395a**

#### VG 2250 P1 Insert every pitch



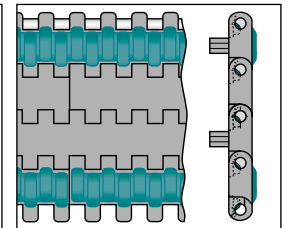
**Weight:**  
8,7 Kg/m<sup>2</sup> (1.77 lbs/ft.<sup>2</sup>)

#### VG2 2250 P1 Insert every 2nd pitch

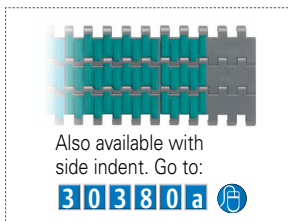


**Weight:**  
8,1 Kg/m<sup>2</sup> (1.66 lbs/ft.<sup>2</sup>)

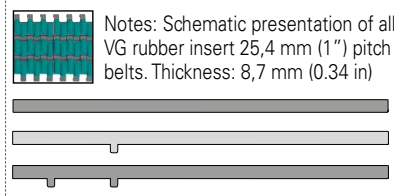
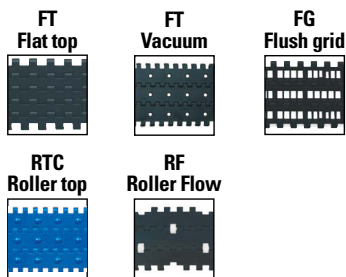
#### VG3 2250 P1 Insert every 3th pitch



**Weight:**  
7,8 Kg/m<sup>2</sup> (1.59 lbs/ft.<sup>2</sup>)



Other versions for 25,4 mm (1") belts:



WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in			
85	3.35	LFG2250FT-P-M0085VG	LFG2250FT-P-M0085VG-2	LFG2250FT-P-M0085VG-3
170	6.69	LFG2250FT-P-M0170VG	LFG2250FT-P-M0170VG-2	LFG2250FT-P-M0170VG-3
255	10.04	LFG2250FT-P-M0255VG	LFG2250FT-P-M0255VG-2	LFG2250FT-P-M0255VG-3
340	13.39	LFG2250FT-P-M0340VG	LFG2250FT-P-M0340VG-2	LFG2250FT-P-M0340VG-3
425	16.73	LFG2250FT-P-M0425VG	LFG2250FT-P-M0425VG-2	LFG2250FT-P-M0425VG-3
510	20.08	LFG2250FT-P-M0510VG	LFG2250FT-P-M0510VG-2	LFG2250FT-P-M0510VG-3
595	23.43	LFG2250FT-P-M0595VG	LFG2250FT-P-M0595VG-2	LFG2250FT-P-M0595VG-3
680	26.77	LFG2250FT-P-M0680VG	LFG2250FT-P-M0680VG-2	LFG2250FT-P-M0680VG-3
765	30.12	LFG2250FT-P-M0765VG	LFG2250FT-P-M0765VG-2	LFG2250FT-P-M0765VG-3
850	33.46	LFG2250FT-P-M0850VG	LFG2250FT-P-M0850VG-2	LFG2250FT-P-M0850VG-3
935	36.81	LFG2250FT-P-M0935VG	LFG2250FT-P-M0935VG-2	LFG2250FT-P-M0935VG-3
1020	40.16	LFG2250FT-P-M1020VG	LFG2250FT-P-M1020VG-2	LFG2250FT-P-M1020VG-3
1105	43.50	LFG2250FT-P-M1105VG	LFG2250FT-P-M1105VG-2	LFG2250FT-P-M1105VG-3
1190	46.85	LFG2250FT-P-M1190VG	LFG2250FT-P-M1190VG-2	LFG2250FT-P-M1190VG-3
1275	50.20	LFG2250FT-P-M1275VG	LFG2250FT-P-M1275VG-2	LFG2250FT-P-M1275VG-3
1360	53.54	LFG2250FT-P-M1360VG	LFG2250FT-P-M1360VG-2	LFG2250FT-P-M1360VG-3
1445	56.89	LFG2250FT-P-M1445VG	LFG2250FT-P-M1445VG-2	LFG2250FT-P-M1445VG-3
1530	60.24	LFG2250FT-P-M1530VG	LFG2250FT-P-M1530VG-2	LFG2250FT-P-M1530VG-3
1615	63.58	LFG2250FT-P-M1615VG	LFG2250FT-P-M1615VG-2	LFG2250FT-P-M1615VG-3
1700	66.93	LFG2250FT-P-M1700VG	LFG2250FT-P-M1700VG-2	LFG2250FT-P-M1700VG-3
1785	70.28	LFG2250FT-P-M1785VG	LFG2250FT-P-M1785VG-2	LFG2250FT-P-M1785VG-3
1870	73.62	LFG2250FT-P-M1870VG	LFG2250FT-P-M1870VG-2	LFG2250FT-P-M1870VG-3
1955	76.97	LFG2250FT-P-M1955VG	LFG2250FT-P-M1955VG-2	LFG2250FT-P-M1955VG-3
2040	80.31	LFG2250FT-P-M2040VG	LFG2250FT-P-M2040VG-2	LFG2250FT-P-M2040VG-3

Other widths available on request.

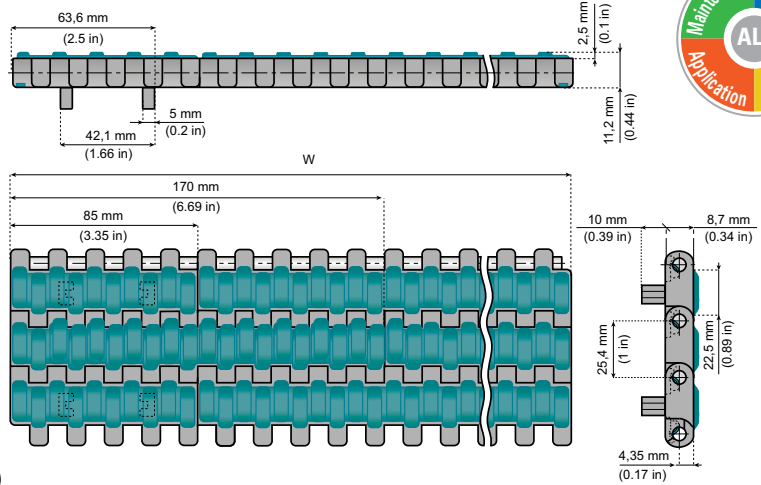
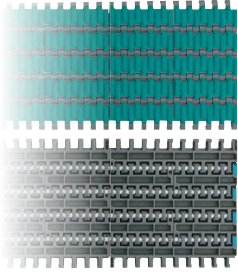
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30370d

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### VERSIONS WITH TWIN POSITIONERS / RUBBER INSERT

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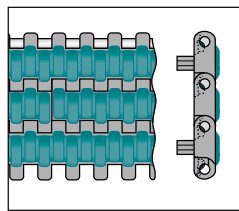
**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 25000 N/m (1700 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
width > 1700 mm (66.93 in): on request

Information about this product is only available on our Smart Guide® website.

#### Standard material

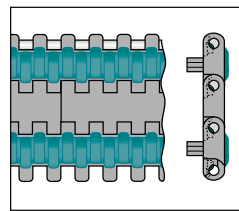
<b>LFG (GREY)</b>	materials details:
Low friction acetal resin	<b>73563a</b>
<b>TPR (WATER BLUE)</b>	materials details:
Thermoplastic rubber	<b>73570a</b>

#### VG 2250 P2 Insert every pitch



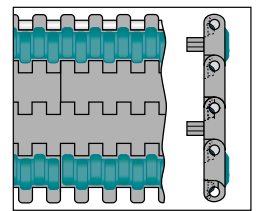
**Weight:**  
8,7 Kg/m<sup>2</sup> (1.77 lbs/ft.<sup>2</sup>)

#### VG2 2250 P2 Insert every 2nd pitch

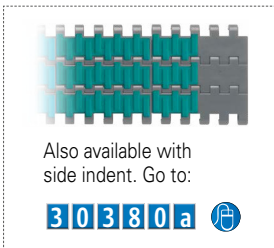


**Weight:**  
8,1 Kg/m<sup>2</sup> (1.66 lbs/ft.<sup>2</sup>)

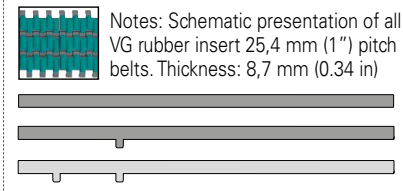
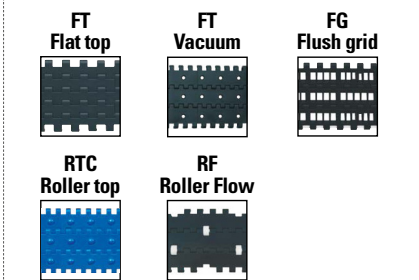
#### VG3 2250 P2 Insert every 3th pitch



**Weight:**  
7,8 Kg/m<sup>2</sup> (1.59 lbs/ft.<sup>2</sup>)



Other versions for 25,4 mm (1") belts:



WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in			
85	3.35	LFG2250FT-PT-M0085VG	LFG2250FT-PT-M0085VG-2	LFG2250FT-PT-M0085VG-3
170	6.69	LFG2250FT-PT-M0170VG	LFG2250FT-PT-M0170VG-2	LFG2250FT-PT-M0170VG-3
255	10.04	LFG2250FT-PT-M0255VG	LFG2250FT-PT-M0255VG-2	LFG2250FT-PT-M0255VG-3
340	13.39	LFG2250FT-PT-M0340VG	LFG2250FT-PT-M0340VG-2	LFG2250FT-PT-M0340VG-3
425	16.73	LFG2250FT-PT-M0425VG	LFG2250FT-PT-M0425VG-2	LFG2250FT-PT-M0425VG-3
510	20.08	LFG2250FT-PT-M0510VG	LFG2250FT-PT-M0510VG-2	LFG2250FT-PT-M0510VG-3
595	23.43	LFG2250FT-PT-M0595VG	LFG2250FT-PT-M0595VG-2	LFG2250FT-PT-M0595VG-3
680	26.77	LFG2250FT-PT-M0680VG	LFG2250FT-PT-M0680VG-2	LFG2250FT-PT-M0680VG-3
765	30.12	LFG2250FT-PT-M0765VG	LFG2250FT-PT-M0765VG-2	LFG2250FT-PT-M0765VG-3
850	33.46	LFG2250FT-PT-M0850VG	LFG2250FT-PT-M0850VG-2	LFG2250FT-PT-M0850VG-3
935	36.81	LFG2250FT-PT-M0935VG	LFG2250FT-PT-M0935VG-2	LFG2250FT-PT-M0935VG-3
1020	40.16	LFG2250FT-PT-M1020VG	LFG2250FT-PT-M1020VG-2	LFG2250FT-PT-M1020VG-3
1105	43.50	LFG2250FT-PT-M1105VG	LFG2250FT-PT-M1105VG-2	LFG2250FT-PT-M1105VG-3
1190	46.85	LFG2250FT-PT-M1190VG	LFG2250FT-PT-M1190VG-2	LFG2250FT-PT-M1190VG-3
1275	50.20	LFG2250FT-PT-M1275VG	LFG2250FT-PT-M1275VG-2	LFG2250FT-PT-M1275VG-3
1360	53.54	LFG2250FT-PT-M1360VG	LFG2250FT-PT-M1360VG-2	LFG2250FT-PT-M1360VG-3
1445	56.89	LFG2250FT-PT-M1445VG	LFG2250FT-PT-M1445VG-2	LFG2250FT-PT-M1445VG-3
1530	60.24	LFG2250FT-PT-M1530VG	LFG2250FT-PT-M1530VG-2	LFG2250FT-PT-M1530VG-3
1615	63.58	LFG2250FT-PT-M1615VG	LFG2250FT-PT-M1615VG-2	LFG2250FT-PT-M1615VG-3
1700	66.93	LFG2250FT-PT-M1700VG	LFG2250FT-PT-M1700VG-2	LFG2250FT-PT-M1700VG-3
1785	70.28	LFG2250FT-PT-M1785VG	LFG2250FT-PT-M1785VG-2	LFG2250FT-PT-M1785VG-3
1870	73.62	LFG2250FT-PT-M1870VG	LFG2250FT-PT-M1870VG-2	LFG2250FT-PT-M1870VG-3
1955	76.97	LFG2250FT-PT-M1955VG	LFG2250FT-PT-M1955VG-2	LFG2250FT-PT-M1955VG-3
2040	80.31	LFG2250FT-PT-M2040VG	LFG2250FT-PT-M2040VG-2	LFG2250FT-PT-M2040VG-3

Other widths available on request.

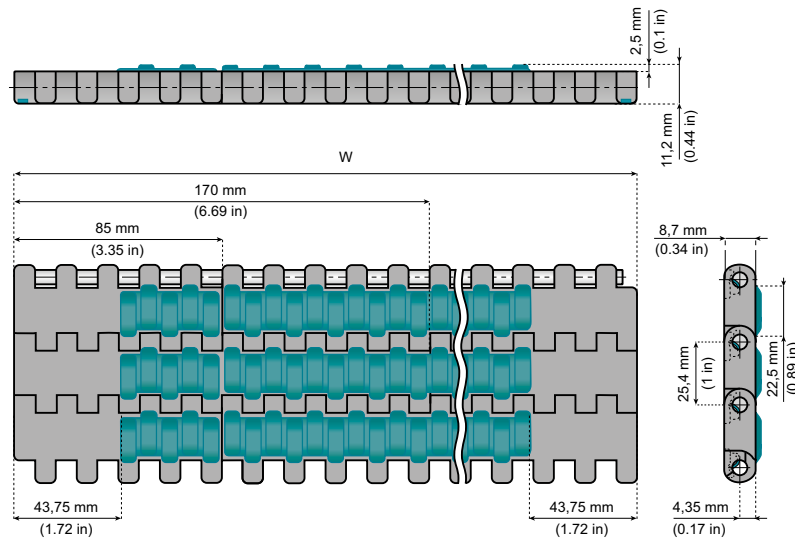
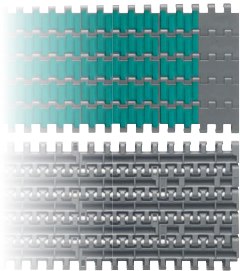
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30380a

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### RUBBER INSERT EVERY PITCH WITH SIDE INDENT

www.SystemPlastSmartGuide.com



#### Version with side indent

**Belt material:** low friction acetal resin, grey colour

**Rubber material:** thermoplastic rubber, waterblue colour

**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 25000 N/m (1700 lbs/ft.)

**Pin material:** PBT (white)

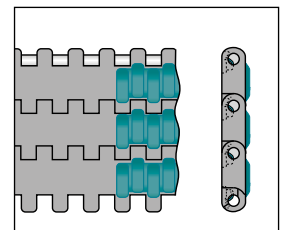
#### Standard length:

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request

**VGS 2250**  
Insert every pitch



#### Weight:

8,7 Kg/m<sup>2</sup> (1.77 lbs/ft<sup>2</sup>.)

## 30395a

#### Standard material

##### LFG (GREY)

Low friction acetal resin

materials details:

**73563a**

##### TPR (WATER BLUE)

Thermoplastic rubber

materials details:

**73570a**



Information about this product is only available on our Smart Guide® website.

Other versions for 25,4 mm (1") belts:

**FT**  
Flat top



**FT**  
Vacuum



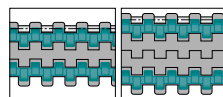
**FG**  
Flush grid



**RTC**  
Roller top

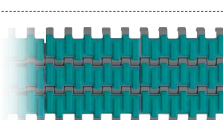


**RF**  
Roller Flow



For insert every 2nd or 3th pitch, go to:

**30380b**



For full width rubber surface. Go to:

**30370a**



Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

WIDTH W		ITEM DESCRIPTION
mm	in	
255	10.04	LFG2250FT-M0255VGS
340	13.39	LFG2250FT-M0340VGS
425	16.73	LFG2250FT-M0425VGS
510	20.08	LFG2250FT-M0510VGS
595	23.43	LFG2250FT-M0595VGS
680	26.77	LFG2250FT-M0680VGS
765	30.12	LFG2250FT-M0765VGS
850	33.46	LFG2250FT-M0850VGS
935	36.81	LFG2250FT-M0935VGS
1020	40.16	LFG2250FT-M1020VGS
1105	43.50	LFG2250FT-M1105VGS
1190	46.85	LFG2250FT-M1190VGS
1275	50.20	LFG2250FT-M1275VGS
1360	53.54	LFG2250FT-M1360VGS
1445	56.89	LFG2250FT-M1445VGS
1530	60.24	LFG2250FT-M1530VGS
1615	63.58	LFG2250FT-M1615VGS
1700	66.93	LFG2250FT-M1700VGS
1785	70.28	LFG2250FT-M1785VGS
1870	73.62	LFG2250FT-M1870VGS
1955	76.97	LFG2250FT-M1955VGS
2040	80.31	LFG2250FT-M2040VGS

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

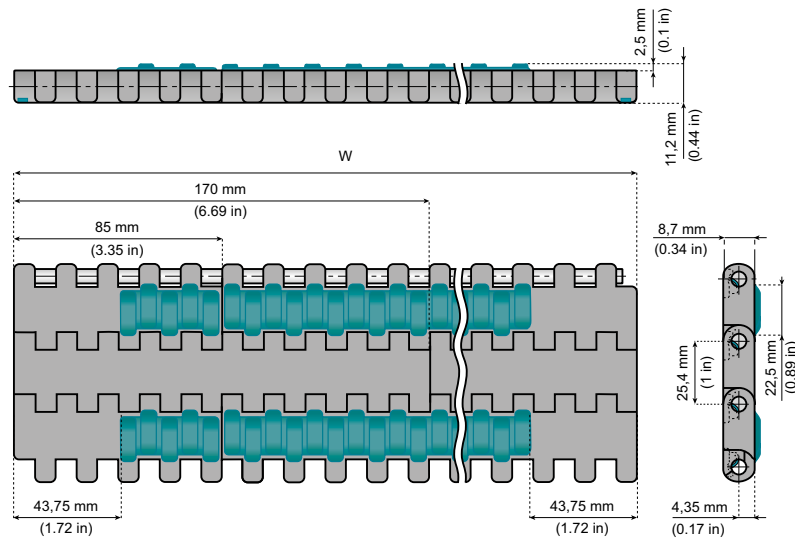
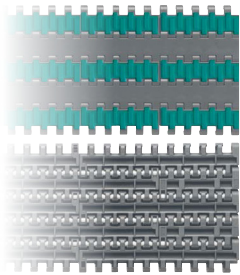


## 30380b

### 25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)

#### RUBBER INSERT EVERY 2nd & 3th PITCH WITH SIDE INDENT

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



#### Version with side indent

**Belt material:** low friction acetal resin, grey colour

**Rubber material:** thermoplastic rubber, waterblue colour

**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 25000 N/m (1700 lbs/ft.)

**Pin material:** PBT (white)

#### Standard length:

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)

width > 1700 mm (66.93 in): on request



#### Standard material

##### LFG (GREY)

Low friction acetal resin

materials details:

**73563a**

##### TPR (WATER BLUE)

Thermoplastic rubber

materials details:

**73570a**

Information about this product is only available on our Smart Guide® website.

Other versions for 25,4 mm (1") belts:

##### FT Flat top



##### FT Vacuum



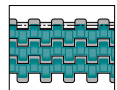
##### FG Flush grid



##### RTC Roller top

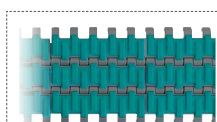


##### RF Roller Flow



For every insert, go to:

**30380a**



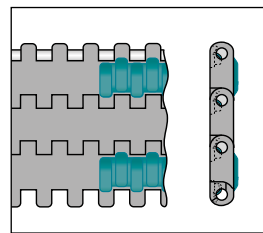
For full width rubber surface. Go to

**30370a**



Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 8,7 mm (0.34 in)

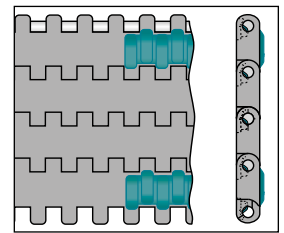
#### VGS2 2250 Insert every 2nd pitch



#### Weight:

8,1 Kg/m<sup>2</sup> (1.66 lbs/ft.<sup>2</sup>)

#### VGS3 2250 Insert every 3th pitch



#### Weight:

7,8 Kg/m<sup>2</sup> (1.59 lbs/ft.<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION
mm	in	
170	6.69	LFG2250FT-M0170VGS-2
255	10.04	LFG2250FT-M0255VGS-2
340	13.39	LFG2250FT-M0340VGS-2
425	16.73	LFG2250FT-M0425VGS-2
510	20.08	LFG2250FT-M0510VGS-2
595	23.43	LFG2250FT-M0595VGS-2
680	26.77	LFG2250FT-M0680VGS-2
765	30.12	LFG2250FT-M0765VGS-2
850	33.46	LFG2250FT-M0850VGS-2
935	36.81	LFG2250FT-M0935VGS-2
1020	40.16	LFG2250FT-M1020VGS-2
1105	43.50	LFG2250FT-M1105VGS-2
1190	46.85	LFG2250FT-M1190VGS-2
1275	50.20	LFG2250FT-M1275VGS-2
1360	53.54	LFG2250FT-M1360VGS-2
1445	56.89	LFG2250FT-M1445VGS-2
1530	60.24	LFG2250FT-M1530VGS-2
1615	63.58	LFG2250FT-M1615VGS-2
1700	66.93	LFG2250FT-M1700VGS-2
1785	70.28	LFG2250FT-M1785VGS-2
1870	73.62	LFG2250FT-M1870VGS-2
1955	76.97	LFG2250FT-M1955VGS-2
2040	80.31	LFG2250FT-M2040VGS-2

ITEM DESCRIPTION
LFG2250FT-M0170VGS-3
LFG2250FT-M0255VGS-3
LFG2250FT-M0340VGS-3
LFG2250FT-M0425VGS-3
LFG2250FT-M0510VGS-3
LFG2250FT-M0595VGS-3
LFG2250FT-M0680VGS-3
LFG2250FT-M0765VGS-3
LFG2250FT-M0850VGS-3
LFG2250FT-M0935VGS-3
LFG2250FT-M1020VGS-3
LFG2250FT-M1105VGS-3
LFG2250FT-M1190VGS-3
LFG2250FT-M1275VGS-3
LFG2250FT-M1360VGS-3
LFG2250FT-M1445VGS-3
LFG2250FT-M1530VGS-3
LFG2250FT-M1615VGS-3
LFG2250FT-M1700VGS-3
LFG2250FT-M1785VGS-3
LFG2250FT-M1870VGS-3
LFG2250FT-M1955VGS-3
LFG2250FT-M2040VGS-3

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 8 1 a**

**25,4 mm (1") 2250 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

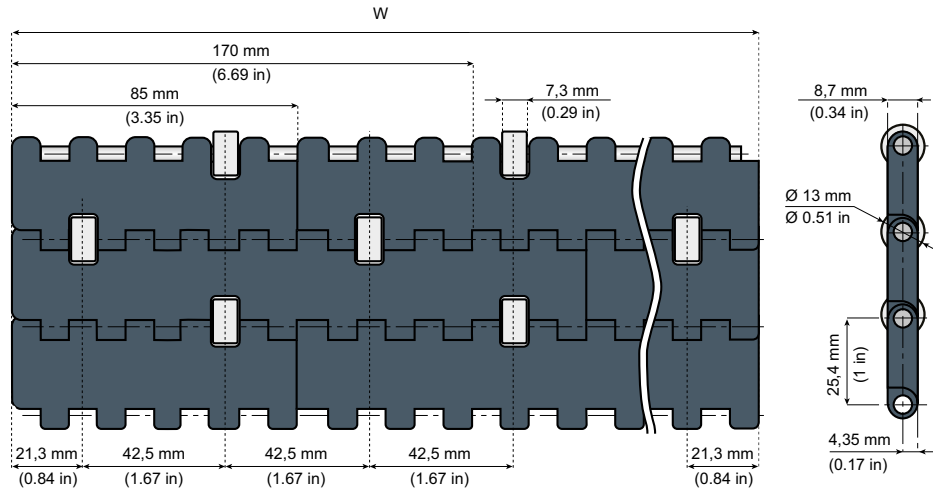
**ROLLER FLOW VERSION**



**New**



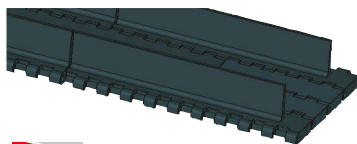
**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....



**Backflex radius:** 25 mm (0.98 in)  
**Max load capacity (NGE):** 10000 N/m (700 lbs/ft.)  
**Weight:** 7,4 Kg/m<sup>2</sup> (1.51 lbs/ft.<sup>2</sup>)  
**Pin material:** PBT (white)  
**Standard length:**  
 width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
 width > 340 mm (13.39 in) ≤ 1700 mm (66.93 in): 1,52 m (5 ft.)  
 width > 1700 mm (66.93 in): on request



**Belts with flights**



page code: **3 0 3 6 5 a**

Other versions for 25,4 mm (1") belts:

<b>FT</b> Flat top 	<b>FT</b> Vacuum 	<b>FG</b> Flush grid 
<b>RTC</b> Roller top 	<b>VG</b> Rubber insert 	



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**7 3 5 6 3 a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2250RF-M0085
170	6.69	NGE2250RF-M0170
255	10.04	NGE2250RF-M0255
340	13.39	NGE2250RF-M0340
425	16.73	NGE2250RF-M0425
510	20.08	NGE2250RF-M0510
595	23.43	NGE2250RF-M0595
680	26.77	NGE2250RF-M0680
765	30.12	NGE2250RF-M0765
850	33.46	NGE2250RF-M0850
935	36.81	NGE2250RF-M0935
1020	40.16	NGE2250RF-M1020
1105	43.50	NGE2250RF-M1105
1190	46.85	NGE2250RF-M1190
1275	50.20	NGE2250RF-M1275
1360	53.54	NGE2250RF-M1360

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30395a

### DRIVE AND RETURN SPROCKETS

FOR BELTS 2250 - 2253FT - 2253RTC

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**Notes:**

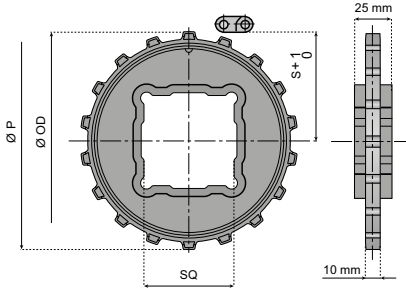
- Sprockets with single keyway can be used for belt widths up to 680 mm and temperature differences of maximum 30°C.

- For wider belts or bigger temperature differences, sprockets with square bores or round bore with double keyway have to be used.

Drive sprockets are manufactured for a tight fit on the shaft.

To order single keyway sprockets capable of floating freely on the shaft, just add the letter "P" (=plus) to the existing Item description.

For example, item description **2250-14R30M-DPS**



**NOW SUITABLE ALSO FOR 2253RTC SERIES BELTS !**



Information about this product is only available on our Smart Guide® website.

**SPROCKETS FOR BELTS SERIES 2250 - 2253FT - 2253RTC**

	<b>MOLDED DRIVE SPROCKETS SQUARE BORE ONE PIECE - FLOATING</b>		
<b>Z</b>	$\nabla$ 40X40	$\nabla$ 60X60	$\nabla$ 65X65
	<b>ITEM DESCRIPTION</b>		
12	<b>2250-12S40M-D</b>	-	-
15	<b>2250-15S40M-D</b>	<b>2250-15S60M-D</b>	-
18	<b>2250-18S40M-D</b>	<b>2250-18S60M-D</b>	<b>2250-18S65M-D</b>

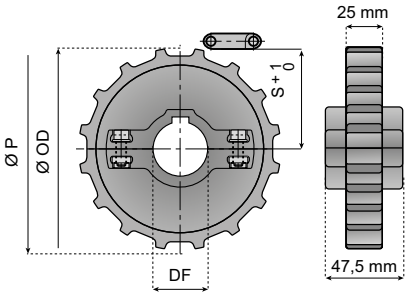
**Material:** reinforced polyamide (grey).



See also the sprockets and idler wheels:

**30395b** **30395c**

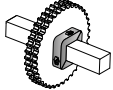
Z	Ø OD mm	Ø P mm	S mm
12	98	98,14	44,0
14	113	114,18	52,0
15	122	122,2	56,7
16	129	130,2	60,0
18	145	146,27	68,5
20	162	162,37	76,5



**New design** **30995a**

**Features:**

- New design with snap-assembly system included.
- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Set collars, go to: **54630a**

**NOT SUITABLE FOR 2253FT AND 2253RTC SERIES BELTS !**

**SPROCKETS FOR BELTS SERIES 2250**

	<b>MOLDED DRIVE SPROCKETS - SPLIT FIXED</b>		
<b>Z</b>	$\nabla$ 30	$\nabla$ 35	$\nabla$ 40
	<b>ITEM DESCRIPTION</b>		
14	<b>2250-14R30M-DS</b>	<b>2250-14R35M-DS</b>	<b>2250-14R40M-DS</b>
16	<b>2250-16R30M-DS</b>	<b>2250-16R35M-DS</b>	<b>2250-16R40M-DS</b>
18	<b>2250-18R30M-DS</b>	<b>2250-18R35M-DS</b>	<b>2250-18R40M-DS</b>
20	<b>2250-20R30M-DS</b>	<b>2250-20R35M-DS</b>	<b>2250-20R40M-DS</b>
	<b>MOLDED RETURN SPROCKETS - SPLIT</b>		
14	<b>2250-14R30M-RS</b>	<b>2250-14R35M-RS</b>	<b>2250-14R40M-RS</b>
16	<b>2250-16R30M-RS</b>	<b>2250-16R35M-RS</b>	<b>2250-16R40M-RS</b>
18	<b>2250-18R30M-RS</b>	<b>2250-18R35M-RS</b>	<b>2250-18R40M-RS</b>
20	<b>2250-20R30M-RS</b>	<b>2250-20R35M-RS</b>	<b>2250-20R40M-RS</b>
	<b>MOLDED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING</b>		
<b>Z</b>	$\nabla$ 30X30	-	$\nabla$ 40X40
	<b>ITEM DESCRIPTION</b>		
14	<b>2250-14S30M-DS</b>	-	-
16	<b>2250-16S30M-DS</b>	-	<b>2250-16S40M-DS</b>
18	<b>2250-18S30M-DS</b>	-	<b>2250-18S40M-DS</b>
20	<b>2250-20S30M-DS</b>	-	<b>2250-20S40M-DS</b>

**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.  
**Note:** These sprockets cannot be used for belt type 2253RTC and 2253FT.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30395b

## DRIVE AND RETURN SPROCKETS

FOR BELT 2250

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



### Note:

- Sprockets with single keyway can be used for belt widths up to 680 mm and temperature differences of maximum 30°C.
- For wider belts or bigger temperature differences, sprockets with square bores or round bore with double keyway have to be used. Drive sprockets are manufactured for a tight fit on the shaft. To order single keyway sprockets capable of floating freely on the shaft, just add the letter "P" (=plus) to the existing Item description. For example, Item description: **2250-12R25M-DPMS**

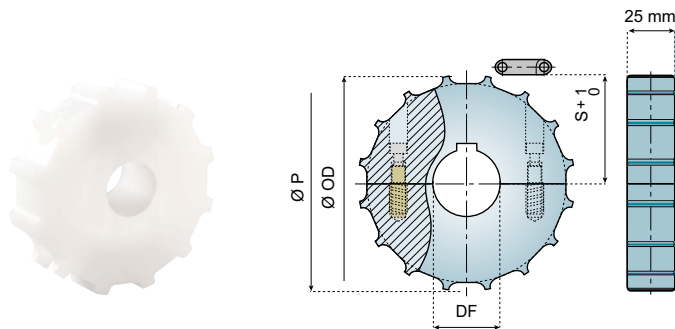
### New design

## 30990a

### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

Z	Ø OD mm	Ø P mm	S mm
12	98	98,14	44,0
14	114	114,18	52,0
16	130	130,2	60,0
18	146	146,27	68,5
20	162	162,37	76,5



**NOT SUITABLE FOR 2253 SERIES BELTS !**

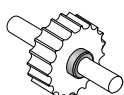
### SPROCKETS FOR BELTS SERIES 2250

Z	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION				
12	-	2250-12R25M-DMS	2250-12R30M-DMS	2250-12R35M-DMS	2250-12R40M-DMS
14	-	2250-14R25M-DMS	2250-14R30M-DMS	2250-14R35M-DMS	2250-14R40M-DMS
16	-	2250-16R25M-DMS	2250-16R30M-DMS	2250-16R35M-DMS	2250-16R40M-DMS
18	-	2250-18R25M-DMS	2250-18R30M-DMS	2250-18R35M-DMS	2250-18R40M-DMS
20	-	2250-20R25M-DMS	2250-20R30M-DMS	2250-20R35M-DMS	2250-20R40M-DMS

Z	MACHINED RETURN SPROCKETS - SPLIT				
	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
12	2250-12R18M-RMS	2250-12R25M-RMS	2250-12R30M-RMS	2250-12R35M-RMS	2250-12R40M-RMS
14	2250-14R23M-RMS	2250-14R25M-RMS	2250-14R30M-RMS	2250-14R35M-RMS	2250-14R40M-RMS
16	2250-16R23M-RMS	2250-16R25M-RMS	2250-16R30M-RMS	2250-16R35M-RMS	2250-16R40M-RMS
18	2250-18R23M-RMS	2250-18R25M-RMS	2250-18R30M-RMS	2250-18R35M-RMS	2250-18R40M-RMS
20	2250-20R23M-RMS	2250-20R25M-RMS	2250-20R30M-RMS	2250-20R35M-RMS	2250-20R40M-RMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass. \*Plain bore



Set collars, go to:  
**54630a**



See belts 1" Pitch (25,4 mm):  
**30300a**



See also the sprockets and idler wheels:

**30395a**  
**30395c**



Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



## 30395c

### DRIVE SPROCKETS

FOR BELT 2250

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

#### Notes:

- Sprockets with single keyway can be used for belt widths up to 680 mm and temperature differences of maximum 30°C.
- For wider belts or bigger temperature differences, sprockets with square bores or round bore with double keyway have to be used.

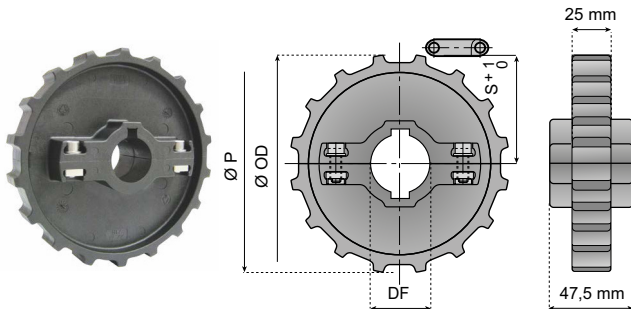
#### Features:

- New design with snap-assembly system included.
- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	Ø P mm	S mm
12	98	98,14	44,0
14	113	114,18	52,0
16	129	130,2	60,0
18	145	146,27	68,5
20	162	162,37	76,5

**NOT SUITABLE FOR 2253 SERIES BELTS !**



Z	Ø 30	Ø 35	Ø 40
	ITEM DESCRIPTION		
14	2250-14R30M-DPS-K2	2250-14R35M-DPS-K2	2250-14R40M-DPS-K2
16	2250-16R30M-DPS-K2	2250-16R35M-DPS-K2	2250-16R40M-DPS-K2
18	2250-18R30M-DPS-K2	2250-18R35M-DPS-K2	2250-18R40M-DPS-K2
20	2250-20R30M-DPS-K2	2250-20R35M-DPS-K2	2250-20R40M-DPS-K2

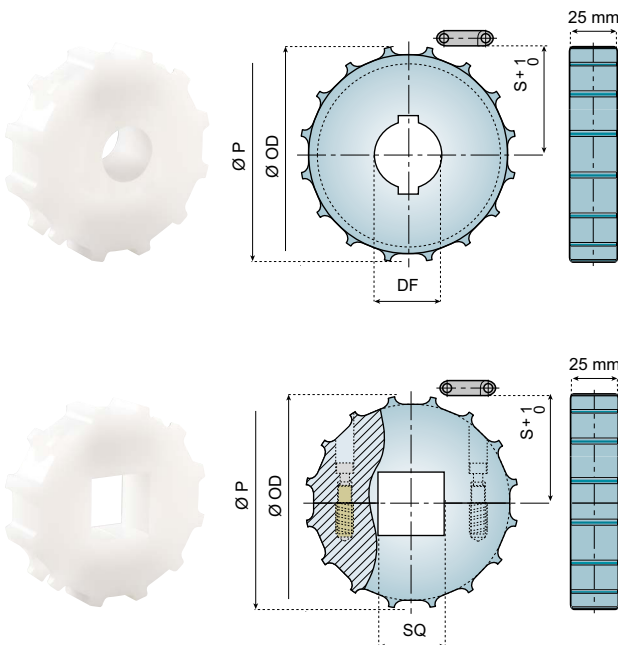
**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.

#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



**NOT SUITABLE FOR 2253 SERIES BELTS !**



Z	Ø 30	Ø 40
	ITEM DESCRIPTION	
12	2250-12R30M-DPM-K2	2250-12R40M-DPM-K2
14	2250-14R30M-DPM-K2	2250-14R40M-DPM-K2
16	2250-16R30M-DPM-K2	2250-16R40M-DPM-K2
18	2250-18R30M-DPM-K2	2250-18R40M-DPM-K2
20	2250-20R30M-DPM-K2	2250-20R40M-DPM-K2

**Material:** polyamide (natural white).

Z	∅ 30X30	∅ 40X40	∅ 60X60
	ITEM DESCRIPTION		
12	2250-12S30M-DMS	2250-12S40M-DMS	-
14	2250-14S30M-DMS	2250-14S40M-DMS	-
16	2250-16S30M-DMS	2250-16S40M-DMS	2250-16S60M-DMS
18	2250-18S30M-DMS	2250-18S40M-DMS	2250-18S60M-DMS
20	2250-20S30M-DMS	2250-20S40M-DMS	2250-20S60M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.



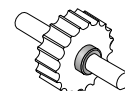
See also the sprockets and idler wheels:

**30395a**  
**30395b**



See belts 1" Pitch (25,4 mm):

**30300a**



Set collars, go to:

**54630a**

Information about this product is only available on our Smart Guide® website.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 9 8 a**

**25,4 mm (1") MODULAR BELTS 2253RTC - THICKNESS: 8,7 mm (0.34 in)**

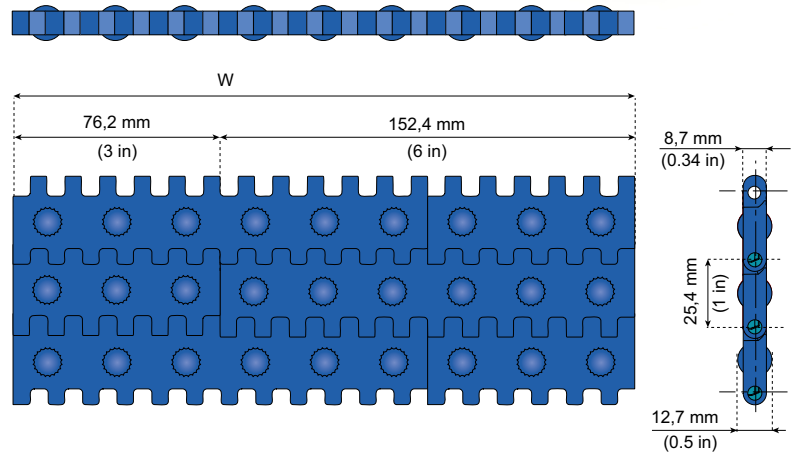
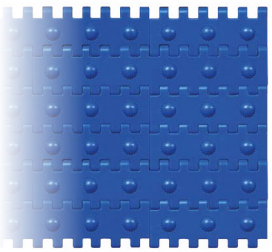
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**ROLLER TOP VERSION**



**New**

continue ►



**Backflex radius:** 40 mm (1.58 in)  
**Max load capacity:** 10500 N/m (714 lbs/ft.)  
**Max load per ball:** 10 N (2.24 lbs)  
**Weight:** 10,5 kg/m<sup>2</sup> (2.14 lbs/ft<sup>2</sup>.)  
**Ball material:** Polyamide  
**Standard length:**  
width ≤ 30 in: 1,52 m (5 ft.)  
width > 30 in ≤ 60 in: 1,02 m (3,35 ft.)  
width > 60 in: on request  
**Standard pin material:** PBT (white)



Information about this product is only available on our Smart Guide® website.

**Standard material**

**LFB (BLUE)**

Low friction acetal resin

materials details:

**7 3 5 6 3 a**



**3 0 3 9 5 a**

Other versions for 25,4 mm (1") belts:

<b>FT</b> Flat top 	<b>FT</b> Vacuum 	<b>FG</b> Flush grid 
<b>VG</b> Rubber insert 	<b>RF</b> Roller Flow 	

**SEE APPLICATION**

**3 0 3 9 8 b**

WIDTH W		ITEM DESCRIPTION
mm	in	
76	3.00	LFB2253RTC-K300
152	6.00	LFB2253RTC-K600
229	9.00	LFB2253RTC-K900
305	12.00	LFB2253RTC-K1200
381	15.00	LFB2253RTC-K1500
457	18.00	LFB2253RTC-K1800
533	21.00	LFB2253RTC-K2100
610	24.00	LFB2253RTC-K2400
686	27.00	LFB2253RTC-K2700
762	30.00	LFB2253RTC-K3000
838	33.00	LFB2253RTC-K3300
914	36.00	LFB2253RTC-K3600
991	39.00	LFB2253RTC-K3900
1067	42.00	LFB2253RTC-K4200
1143	45.00	LFB2253RTC-K4500
1219	48.00	LFB2253RTC-K4800
1295	51.00	LFB2253RTC-K5100
1372	54.00	LFB2253RTC-K5400
1448	57.00	LFB2253RTC-K5700
1524	60.00	LFB2253RTC-K6000
1600	63.00	LFB2253RTC-K6300
1676	66.00	LFB2253RTC-K6600
1753	69.00	LFB2253RTC-K6900
1829	72.00	LFB2253RTC-K7200
1905	75.00	LFB2253RTC-K7500
1981	78.00	LFB2253RTC-K7800
2057	81.00	LFB2253RTC-K8100
2134	84.00	LFB2253RTC-K8400
2210	87.00	LFB2253RTC-K8700
2286	90.00	LFB2253RTC-K9000
2362	93.00	LFB2253RTC-K9300
2438	96.00	LFB2253RTC-K9600
2515	99.00	LFB2253RTC-K9900
2590	102.00	LFB2253RTC-K10200
2666	105.00	LFB2253RTC-K10500
2743	108.00	LFB2253RTC-K10800
2819	111.00	LFB2253RTC-K11100

Other widths available on request.

continue ►

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

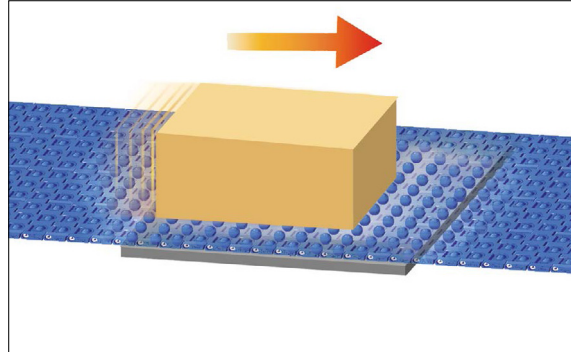


◀ back

### Double speed

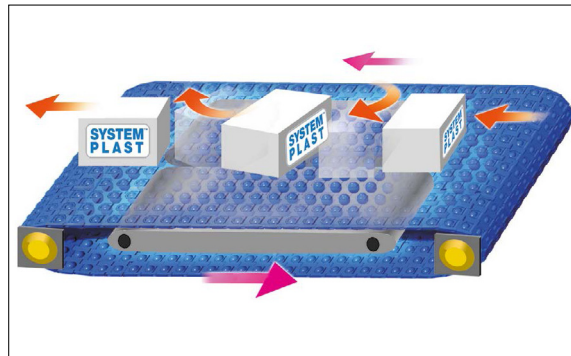
When the belt is moving and the rollers are in contact with a fixed support area, the rollers will start rotating. This will result in movement of the product with a speed that is twice the speed of the belt. This function is very useful when products must be separated from each other.

This function enables the belt to run at lower speed, and that improves belt life and reduces energy consumption.



### Rotation with product moving

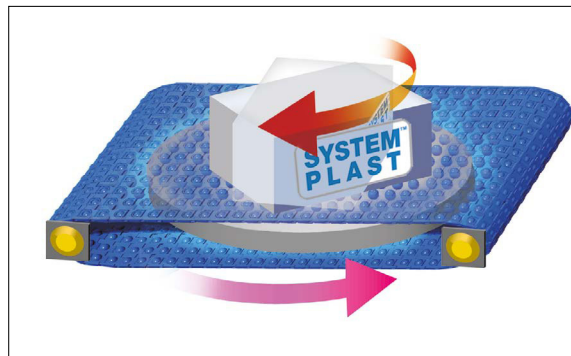
When two parallel running belts are positioned underneath the roller top belts, and running in different directions, containers in the middle of the belt will rotate. This condition is ideal for applications where product orientation is important, for example, the infeed to a palletizer. In this case, containers can be moving forward while rotating.



### Rotation with product stopped

When using a rotating disc underneath the roller top belt, you can have optimum control of the rotation of the product.

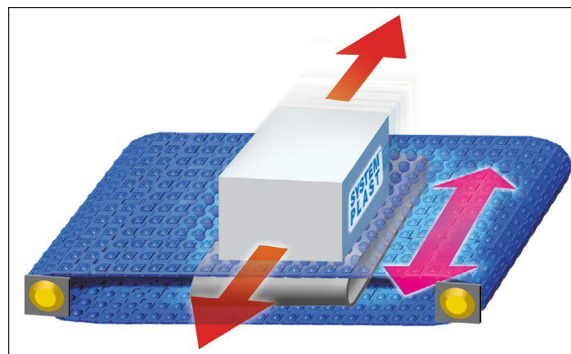
The roller top belt must be stopped during rotation.



### Lateral movement

With a secondary activated belt positioned 90 degrees to the travel direction of the roller top belt, the system can transfer your package without external guides. This scenario is ideal for reject conveyors or any application requiring rapid 90 degree transfer of the conveyed item.

Product positioning can also be achieved by this configuration.



◀ back

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 9 8 n**

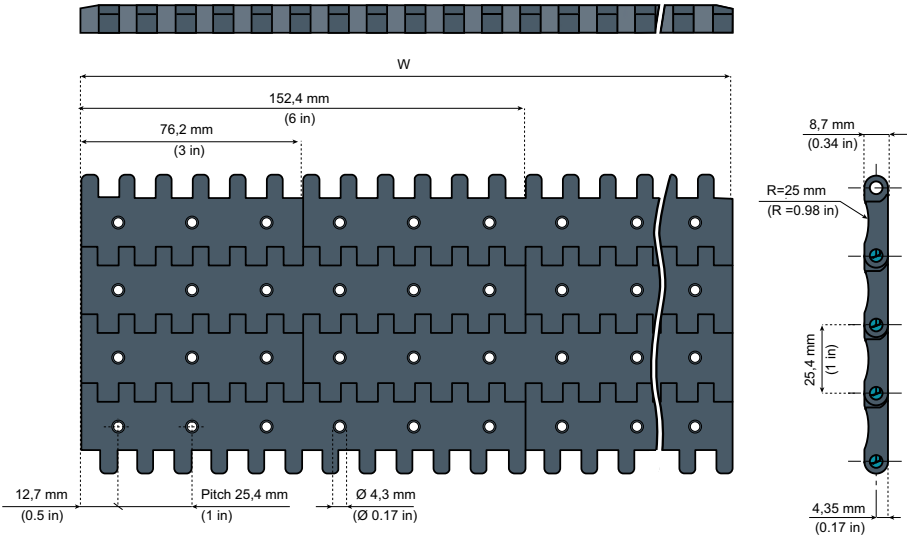
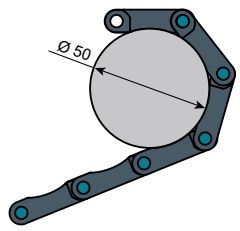
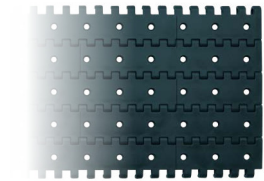
**25,4 mm (1") 2253 MODULAR BELTS - THICKNESS: 8,7 mm (0.34 in)**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**FLAT TOP - VACUUM VERSION**

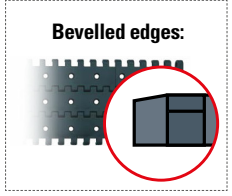


**New**



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**Backflex radius:** 40 mm (1.58 in)  
**Max load capacity:** 25000 N/m (1700 lbs/ft.)  
**Weight:** 7,3 Kg/m<sup>2</sup> (1.49 lbs/ft.<sup>2</sup>)  
**Standard pin material:** PBT (white)  
**Standard length:**  
 width ≤ 15 in: 3,05 m (10 ft.)  
 width > 15 in ≤ 66 in: 1,52 m (5 ft.)  
 width > 66 in: on request



**3 0 3 9 5 a**

Other versions for 25,4 mm (1") belts:

<b>FT</b> Flat top	<b>FG</b> Flush grid	<b>VG</b> Rubber insert
<b>RTC</b> Roller top	<b>RF</b> Roller Flow	

Information about this product is only available on our Smart Guide® website.

**Standard materials**  
**NGE (GREY BLUE)**  
 New Generation®

materials details:  
**7 3 5 6 3 a**

WIDTH W		ITEM DESCRIPTION
mm	in	
305	12.00	NGE2253FT-K1200VAC43
381	15.00	NGE2253FT-K1500VAC43
457	18.00	NGE2253FT-K1800VAC43
533	21.00	NGE2253FT-K2100VAC43
610	24.00	NGE2253FT-K2400VAC43
686	27.00	NGE2253FT-K2700VAC43
762	30.00	NGE2253FT-K3000VAC43
838	33.00	NGE2253FT-K3300VAC43
914	36.00	NGE2253FT-K3600VAC43
991	39.00	NGE2253FT-K3900VAC43
1067	42.00	NGE2253FT-K4200VAC43
1143	45.00	NGE2253FT-K4500VAC43
1219	48.00	NGE2253FT-K4800VAC43
1295	51.00	NGE2253FT-K5100VAC43
1372	54.00	NGE2253FT-K5400VAC43

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 3 9 8 z**

## APPLICATION EXAMPLES

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**ROLLER TOP BELTS IN SORTING/POSITIONING SYSTEM.**

Go to:

**3 0 3 9 8 a**



**VACUUM BELT TRANSPORTING CANS.**

Go to:

**3 0 3 9 8 n**



**CONVEYOR FOR TRAYS WITH CANS.**

For LBP belts, go to:

**3 0 5 0 0 a**

Rollers side guides, go to:

**5 2 5 1 0 a**

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

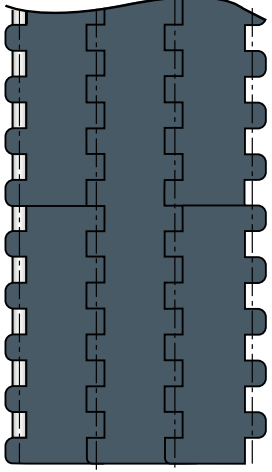
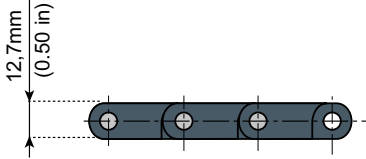
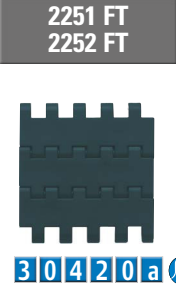
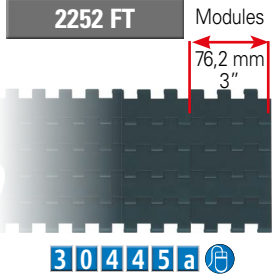
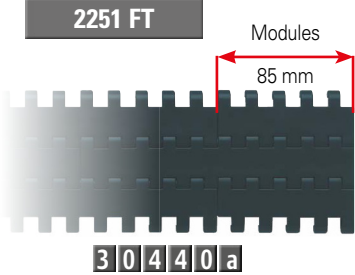
## 3 0 4 1 0 a

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

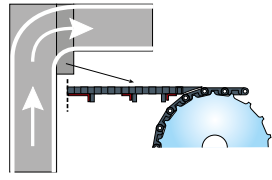
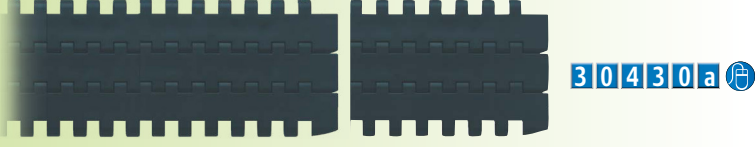
### INDEX MODULAR BELTS

25,4 mm (1") PITCH - THICKNESS: 12,7 mm (½")

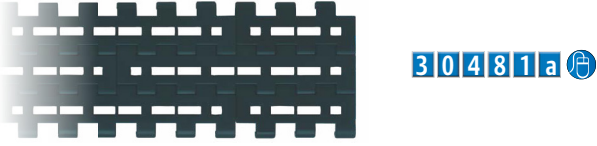
#### FLAT TOP VERSION



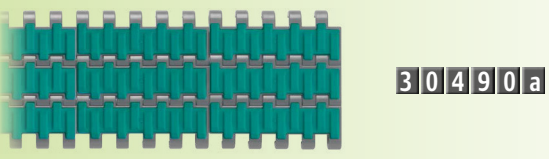
#### FLAT TOP VERSION WITH TRANSFER WING - 2251 FT



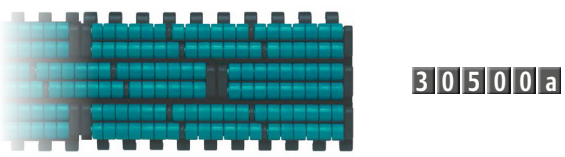
#### PERFORATED TOP VERSION - 2252 PT



#### VERSION WITH RUBBER INSERTS - 2251 VG

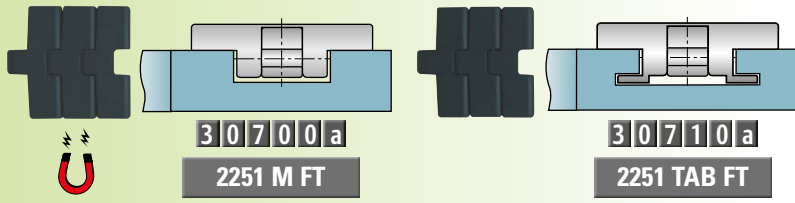


#### VERSION WITH ACCUMULATION ROLLERS - 2251 LBP



Information about this product is only available on our Smart Guide® website.

#### SIDEFLEXING CHAINBELT:



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30420a

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (1/2")

www.SystemPlastSmartGuide.com

FLAT TOP VERSION

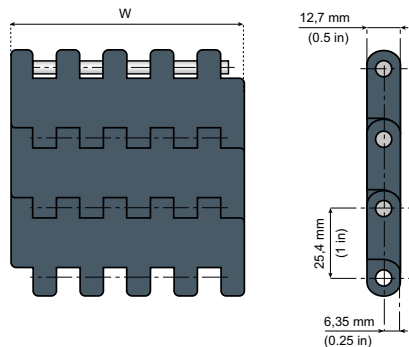


New  
**NG evo**

**NG® evo conveyor components made from engineered plastic resin**

Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**SINGLE TRACK**

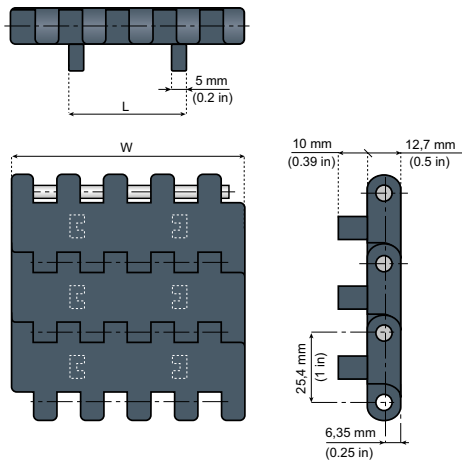


Pin material: PBT (white)

ITEM DESCRIPTION	MATERIAL	WIDTH W		PITCH		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft
NGE2252FT-K300	NGE Grey Blue	76,2	3	25,4	1	25	1	2600	590	1	0.67
NGE2252FT-K325		82,6	3.25					2800	620	1,2	0.81
NGE2251FT-K330		83,8	3.3					2800	620	1,2	0.81
NGE2252FT-K450		114,3	4.5					3870	860	1,6	1.07
NGE2252FT-K600		152,4	6					5220	1170	2,1	1.4
NGE2252FT-K750		190,5	7.5					6480	1460	2,7	1.81

Standard length: 120 pitches (3,05 m - 10 ft.)

**SINGLE TRACK WITH POSITIONER**



New  
**NG evo**

ITEM DESCRIPTION	MATERIAL	L		WIDTH W		PITCH		BACKFLEX RADIUS		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
NGE2252FT-PT-K300	NGE Grey Blue	43,1	1.7	76,2	3	25,4	1	25	1	2600	590	1	0.67
NGE2252FT-PT-K325		43,1	1.7	82,6	3.25					2800	620	1,2	0.81
NGE2251FT-PT-K330		42,1	1.66	83,8	3.3					2800	620	1,2	0.81
NGE2252FT-PT-K450		43,1	1.7	114,3	4.5					3870	860	1,6	1.07
NGE2252FT-PT-K600		43,1	1.7	152,4	6					5220	1170	2,1	1.4
NGE2252FT-PT-K750		43,1	1.7	190,5	7.5					6480	1460	2,7	1.81

Standard length: 120 pitches (3,05 m - 10 ft.)

**30550a**

Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 12,7 mm (0.50 in)

Other versions for 25,4 mm (1") belts:

**FG** Flush grid  
**VG** Rubber insert (low pressure)  
**LBP**

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**

Information about this product is only available on our Smart Guide® website.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30430a

### 25,4 mm (1") 2251 WITH TRANSFER WING - THICKNESS: 12,7 mm (1/2")

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



Information about this product is only available on our Smart Guide® website.

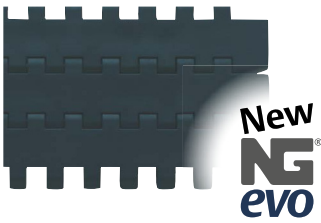
**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**73563a**



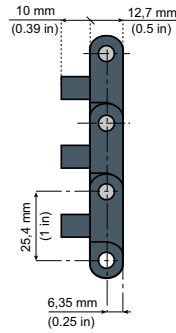
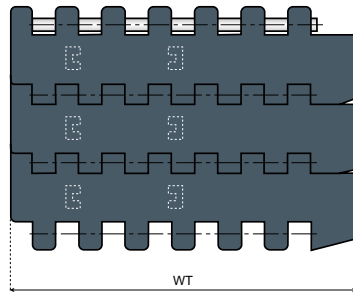
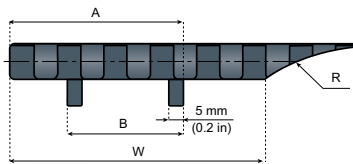
**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

**Pin material:** PBT (white)

**Backflex radius:** 30 mm (1.18 in)

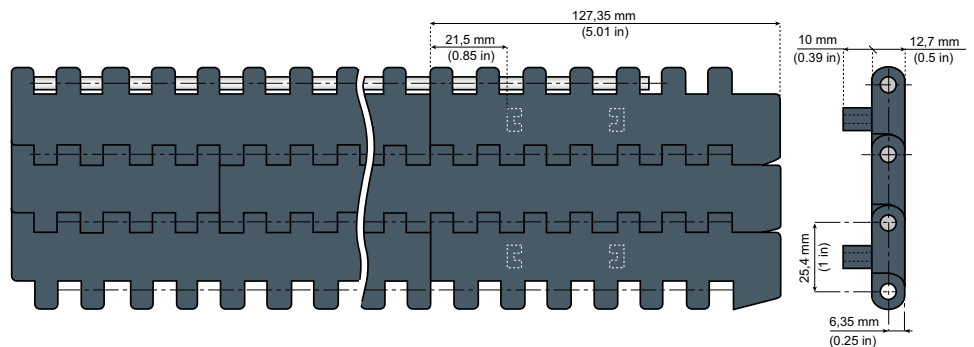
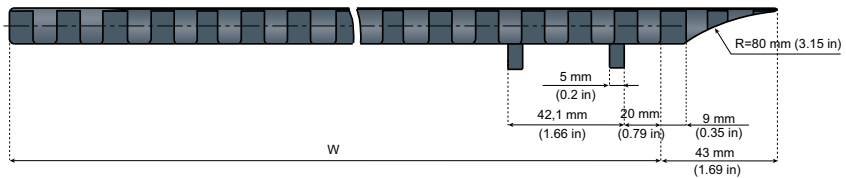
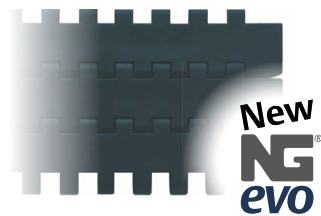
#### SINGLE TRACK



ITEM DESCRIPTION	MATERIAL	A		B		WIDTH W		WIDTH WT		R		MAX LOAD CAPACITY		WEIGHT	
		mm	in	mm	in	mm	in	mm	in	mm	in	N	lbs	Kg/m	lbs/ft.
<b>NGE2251FT-PT-K330T</b>	NGE Grey Blue	63	2.48	42,1	1.66	93	3.66	127	5	80	3.15	2900	650	1,7	1.14
<b>NGE2251FT-PT-K430TL</b>		78,6	3.095	43,2	1.7	109,5	4.31	160	6.3	150	5.91	3800	850	2,2	1.5
<b>NGE2251FT-PT-K730TL</b>		116,7	4.6	43,2	1.7	185	7.3	236,2	9.3	150	5.91	6200	1400	3,2	2.2

**Standard length:** 120 pitches (3,05 m - 10 ft.)

#### WIDER VERSIONS



**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 34200 N/m (2350 lbs/ft.)

**Weight:** 12,5 Kg/m² (2.55 lbs/ft².)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

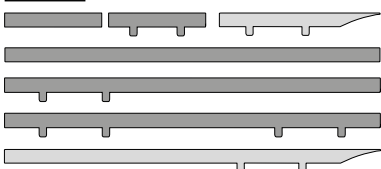
width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)

## 30550a

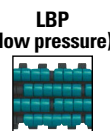
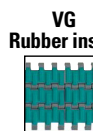
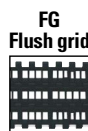
WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2251FT-PT-M0085T
170	6.69	NGE2251FT-PT-M0170T
255	10.04	NGE2251FT-PT-M0255T
340	13.39	NGE2251FT-PT-M0340T
425	16.73	NGE2251FT-PT-M0425T
510	20.08	NGE2251FT-PT-M0510T



Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 12,7 mm (0.50 in)



Other versions for 25,4 mm (1") belts:



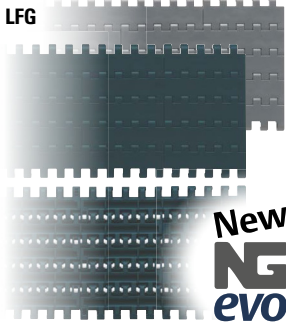
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30440a

### 25,4 mm (1in) MODULAR BELTS 2251 - THICKNESS: 12,7 mm (1/2")

FLAT TOP VERSION

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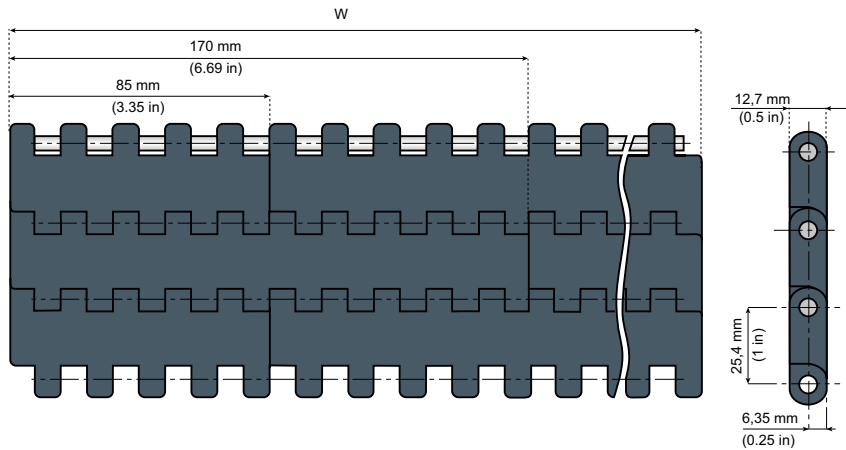
**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance

It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact

Less dust than with acetal chains

More.....



- Backflex radius:** 25 mm (0.98 in)
- Max load capacity (LFG):** 38000 N/m (2.600 lbs/ft.)
- Weight:** 12,5 Kg/m<sup>2</sup> (2.55 lbs/ft<sup>2</sup>.)
- Pin material:** PBT (white)
- Standard length:**
  - width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)
  - width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)
  - width > 935 mm (36.81 in): on request

**Standard materials**

**NGE (GREY BLUE)**

New Generation®

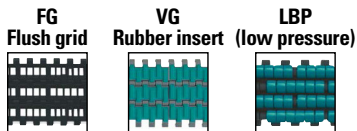
**LFG (GREY)**

Low friction acetal resin

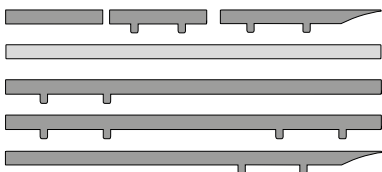
materials details:



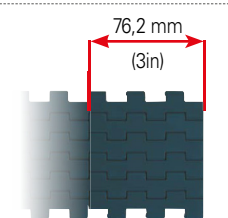
Other versions for 25,4 mm (1") belts:



Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 12,7 mm (0.50 in)



Information about this product is only available on our Smart Guide® website.



Also available imperial widths. Go to:



WIDTH W		ITEM DESCRIPTION	
mm	in	NGE (GREY BLUE)	LFG (GREY)
85	3.35	NGE2251FT-M0085	LFG2251FT-M0085
170	6.69	NGE2251FT-M0170	LFG2251FT-M0170
255	10.04	NGE2251FT-M0255	LFG2251FT-M0255
340	13.39	NGE2251FT-M0340	LFG2251FT-M0340
425	16.73	NGE2251FT-M0425	LFG2251FT-M0425
510	20.08	NGE2251FT-M0510	LFG2251FT-M0510
595	23.43	NGE2251FT-M0595	LFG2251FT-M0595
680	26.77	NGE2251FT-M0680	LFG2251FT-M0680
765	30.12	NGE2251FT-M0765	LFG2251FT-M0765
850	33.46	NGE2251FT-M0850	LFG2251FT-M0850
935	36.81	NGE2251FT-M0935	LFG2251FT-M0935
1020	40.16	NGE2251FT-M1020	LFG2251FT-M1020
1105	43.50	NGE2251FT-M1105	LFG2251FT-M1105
1190	46.85	NGE2251FT-M1190	LFG2251FT-M1190
1275	50.20	NGE2251FT-M1275	LFG2251FT-M1275
1360	53.54	NGE2251FT-M1360	LFG2251FT-M1360
1445	56.89	NGE2251FT-M1445	LFG2251FT-M1445
1530	60.24	NGE2251FT-M1530	LFG2251FT-M1530
1615	63.58	NGE2251FT-M1615	LFG2251FT-M1615
1700	66.93	NGE2251FT-M1700	LFG2251FT-M1700
1785	70.28	NGE2251FT-M1785	LFG2251FT-M1785
1870	73.62	NGE2251FT-M1870	LFG2251FT-M1870
1955	76.97	NGE2251FT-M1955	LFG2251FT-M1955
2040	80.31	NGE2251FT-M2040	LFG2251FT-M2040
2125	83.66	NGE2251FT-M2125	LFG2251FT-M2125
2210	87.01	NGE2251FT-M2210	LFG2251FT-M2210
2295	90.35	NGE2251FT-M2295	LFG2251FT-M2295

Other widths available on request.

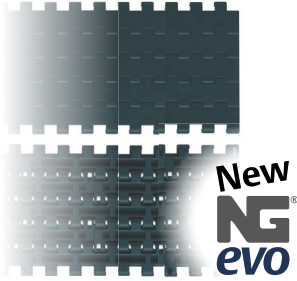
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 4 4 5 a**

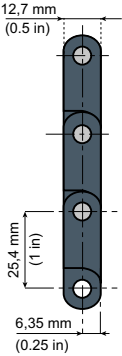
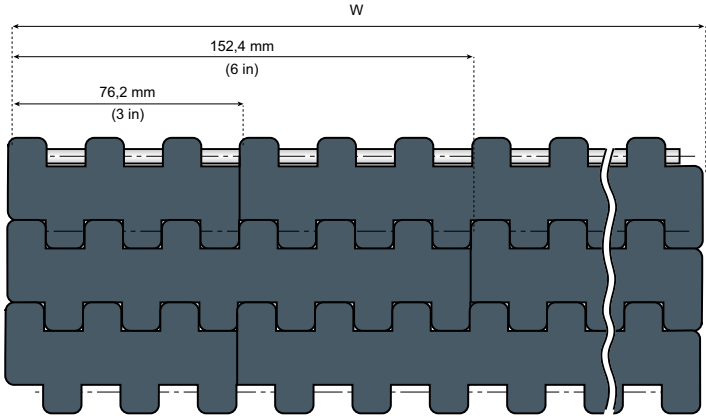
**25,4 mm (1") MODULAR BELTS 2252 - THICKNESS: 12,7 mm (1/2")**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**FLAT TOP VERSION - 76,2 mm (3") MODULES**



**NG® EVO conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....



**Backflex radius:** 1 in (25,4 mm)  
**Max load capacity:** 34200 N/m (2340 lbs/ft.)  
**Weight:** 12,9 Kg/m<sup>2</sup> (2.63 lbs/ft.<sup>2</sup>)  
**Pin material:** POM (grey)  
**Standard length:**  
 width ≤ 15 in: 3,05 m (ft.)  
 width > 15 in ≤ 36 in: 1,52 m (5 ft.)  
 width > 36 in: on request

**Standard material**

<b>NGE (GREY BLUE)</b>
New Generation®

**3 0 5 5 0 a**

Other versions for 25,4 mm (1") belts:

<b>FG</b> Flush grid	<b>VG</b> Rubber insert	<b>LBP</b> low pressure

Notes: Schematic presentation of all flat top 25,4 mm (1") pitch belts. Thickness: 12,7 mm (0.50 in)

85 mm (3.35 in)

Also available in metric widths. Go to: **3 0 4 4 0 a**



Information about this product is only available on our Smart Guide® website.

WIDTH W		ITEM DESCRIPTION
mm	in	
76	3.00	NGE2252FT-K300
152	6.00	NGE2252FT-K600
229	9.00	NGE2252FT-K900
305	12.00	NGE2252FT-K1200
381	15.00	NGE2252FT-K1500
457	18.00	NGE2252FT-K1800
533	21.00	NGE2252FT-K2100
610	24.00	NGE2252FT-K2400
686	27.00	NGE2252FT-K2700
762	30.00	NGE2252FT-K3000
838	33.00	NGE2252FT-K3300
914	36.00	NGE2252FT-K3600
991	39.00	NGE2252FT-K3900
1067	42.00	NGE2252FT-K4200
1143	45.00	NGE2252FT-K4500
1219	48.00	NGE2252FT-K4800
1295	51.00	NGE2252FT-K5100
1372	54.00	NGE2252FT-K5400
1448	57.00	NGE2252FT-K5700
1524	60.00	NGE2252FT-K6000
1600	63.00	NGE2252FT-K6300
1676	66.00	NGE2252FT-K6600
1753	69.00	NGE2252FT-K6900
1829	72.00	NGE2252FT-K7200
1905	75.00	NGE2252FT-K7500
1981	78.00	NGE2252FT-K7800
2057	81.00	NGE2252FT-K8100
2134	84.00	NGE2252FT-K8400
2210	87.00	NGE2252FT-K8700
2286	90.00	NGE2252FT-K9000

Other widths available on request.

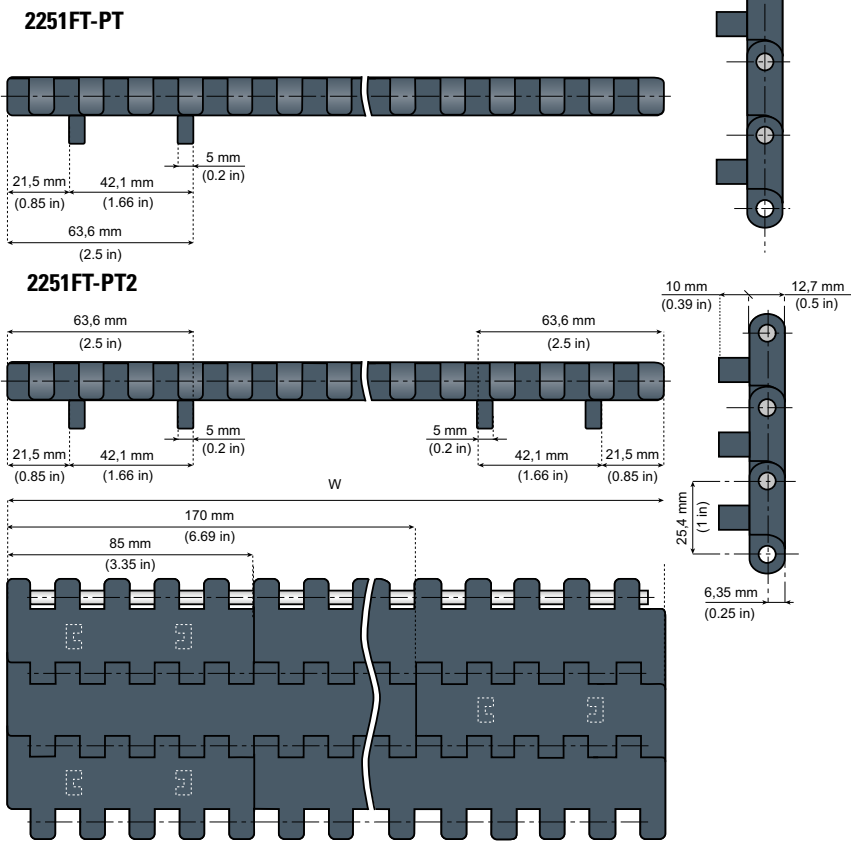
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 4 5 0 b**

**25,4 mm (1") MODULAR BELTS 2251 - THICKNESS: 12,7 mm (1/2")**

www.SystemPlastSmartGuide.com

**FLAT TOP VERSION WITH TWIN POSITIONERS**



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

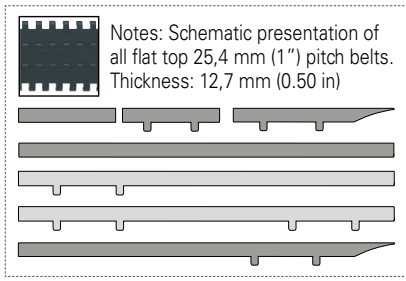
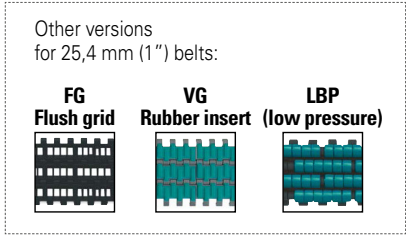
- Backflex radius:** 25 mm (0.98 in)
- Max load capacity:** 38000 N/m (2600 lbs/ft.)
- Weight:** 12,5 Kg/m<sup>2</sup> (2.55 lbs/ft<sup>2</sup>)
- Pin material:** PBT (white)
- Standard length:**
  - width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)
  - width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)
  - width > 935 mm (36.81 in): on request

**3 0 5 5 0 a**

Information about this product is only available on our Smart Guide® website.

- Standard materials**
- NGE (GREY BLUE)**
- New Generation®
- LFG (GREY)**
- Low friction acetal resin

materials details: **7 3 5 6 3 a**



WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	NGE2251FT-PT-M0085	-
170	6.69	NGE2251FT-PT-M0170	NGE2251FT-PT2-M0170
255	10.04	NGE2251FT-PT-M0255	NGE2251FT-PT2-M0255
340	13.39	NGE2251FT-PT-M0340	NGE2251FT-PT2-M0340
425	16.73	NGE2251FT-PT-M0425	NGE2251FT-PT2-M0425
510	20.08	NGE2251FT-PT-M0510	NGE2251FT-PT2-M0510
595	23.43	NGE2251FT-PT-M0595	NGE2251FT-PT2-M0595
680	26.77	NGE2251FT-PT-M0680	NGE2251FT-PT2-M0680
765	30.12	NGE2251FT-PT-M0765	NGE2251FT-PT2-M0765
850	33.46	NGE2251FT-PT-M0850	NGE2251FT-PT2-M0850
935	36.81	NGE2251FT-PT-M0935	NGE2251FT-PT2-M0935
1020	40.16	NGE2251FT-PT-M1020	NGE2251FT-PT2-M1020
1105	43.50	NGE2251FT-PT-M1105	NGE2251FT-PT2-M1105
1190	46.85	NGE2251FT-PT-M1190	NGE2251FT-PT2-M1190
1275	50.20	NGE2251FT-PT-M1275	NGE2251FT-PT2-M1275
1360	53.54	NGE2251FT-PT-M1360	NGE2251FT-PT2-M1360
1445	56.89	NGE2251FT-PT-M1445	NGE2251FT-PT2-M1445
1530	60.24	NGE2251FT-PT-M1530	NGE2251FT-PT2-M1530
1615	63.58	NGE2251FT-PT-M1615	NGE2251FT-PT2-M1615
1700	66.93	NGE2251FT-PT-M1700	NGE2251FT-PT2-M1700
1785	70.28	NGE2251FT-PT-M1785	NGE2251FT-PT2-M1785
1870	73.62	NGE2251FT-PT-M1870	NGE2251FT-PT2-M1870

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

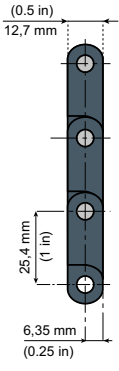
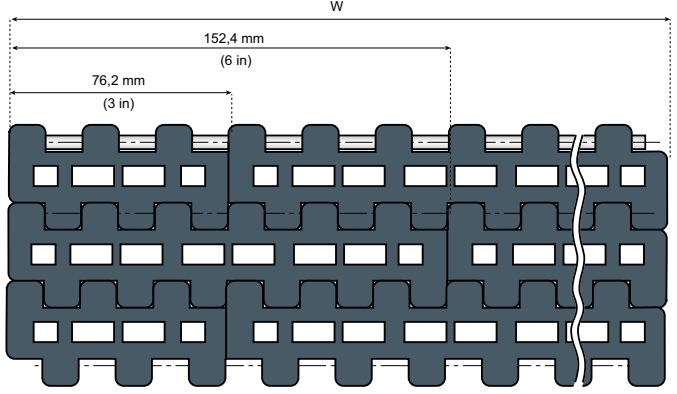
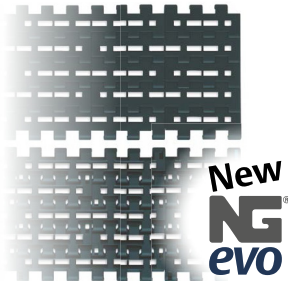


**3 0 4 8 1 a**

**25,4 mm (1") 2252 MODULAR BELTS - THICKNESS: 12,7 mm (1/2")**

**PERFORATED TOP VERSION**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**NG® evo conveyor components made from engineered plastic resin**  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

- Backflex radius:** 25,4 mm (1")
- Max load capacity:** 34200 N/m (2340 lbs/ft.)
- Weight:** 14,0 Kg/m<sup>2</sup> (2.86 lbs/ft<sup>2</sup>.)
- Pin material:** POM (grey)
- Open surface:** 14%
- Standard length:**  
 width ≤ 15 in: 3,05 m (10 ft.)  
 width > 15 in, but ≤ 36 in: 1,52 m (5 ft.)  
 width > 36 in: on request



Information about this product is only available on our Smart Guide® website.

**Standard material**

<b>NGE (GREY BLUE)</b>
New Generation®

materials details:

**7 3 5 6 3 a**

**3 0 5 5 0 a**

Other versions for 25,4 mm (1") belts:

<b>FT</b> Flat top	<b>VG</b> Rubber insert	<b>LBP</b> (Low pressure)

WIDTH W		ITEM DESCRIPTION
mm	in	
76	3.00	NGE2252PT-K300
152	6.00	NGE2252PT-K600
229	9.00	NGE2252PT-K900
305	12.00	NGE2252PT-K1200
381	15.00	NGE2252PT-K1500
457	18.00	NGE2252PT-K1800
533	21.00	NGE2252PT-K2100
610	24.00	NGE2252PT-K2400
686	27.00	NGE2252PT-K2700
762	30.00	NGE2252PT-K3000
838	33.00	NGE2252PT-K3300
914	36.00	NGE2252PT-K3600
991	39.00	NGE2252PT-K3900
1067	42.00	NGE2252PT-K4200
1143	45.00	NGE2252PT-K4500
1219	48.00	NGE2252PT-K4800
1295	51.00	NGE2252PT-K5100
1372	54.00	NGE2252PT-K5400

Other widths available on request.

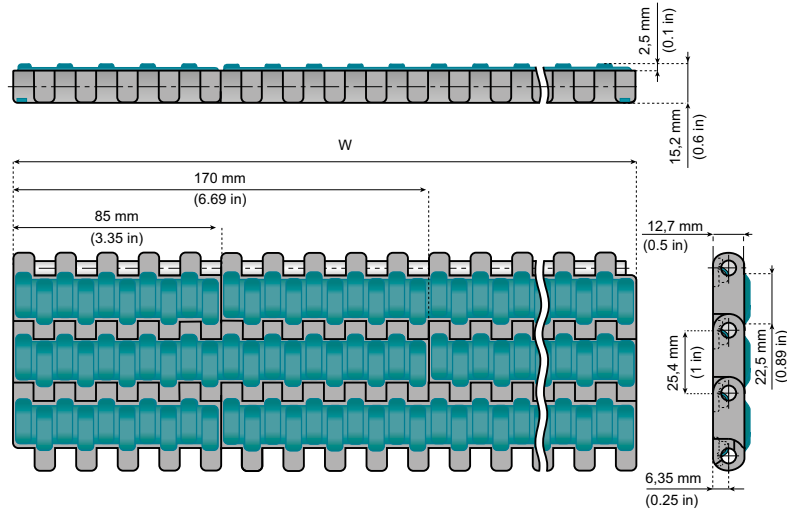
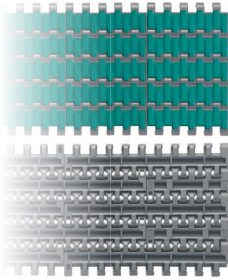
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30490a

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (½")

RUBBER INSERT EVERY PITCH

www.SystemPlastSmartGuide.com



**Belt material:** low friction acetal resin, grey colour

**Rubber material:** thermoplastic rubber, waterblue colour

**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 38000 N/m (2600 lbs/ft.)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)

width > 935 mm (36.81 in): on request

**VG 2251**

**Insert every pitch**



**Standard material**

**LFG (GREY)**

Low friction acetal resin

materials details:



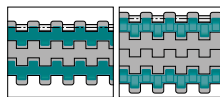
**TPR (WATER BLUE)**

Thermoplastic rubber

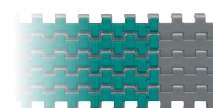
materials details:



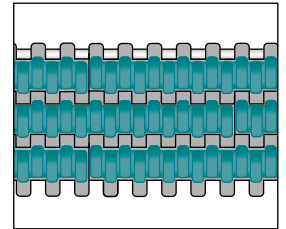
Information about this product is only available on our Smart Guide® website.



For insert every 2nd or 3th pitch, go to:



Also available with side indent. Go to:

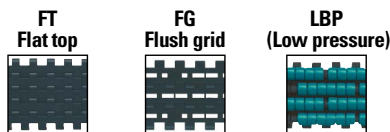


**Weight:**

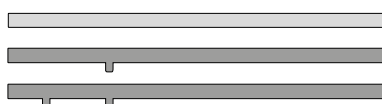
13,5 Kg/m<sup>2</sup> (2.75 lbs/ft<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	LFG2251FT-M0085VG
170	6.69	LFG2251FT-M0170VG
255	10.04	LFG2251FT-M0255VG
340	13.39	LFG2251FT-M0340VG
425	16.73	LFG2251FT-M0425VG
510	20.08	LFG2251FT-M0510VG
595	23.43	LFG2251FT-M0595VG
680	26.77	LFG2251FT-M0680VG
765	30.12	LFG2251FT-M0765VG
850	33.46	LFG2251FT-M0850VG
935	36.81	LFG2251FT-M0935VG
1020	40.16	LFG2251FT-M1020VG
1105	43.50	LFG2251FT-M1105VG
1190	46.85	LFG2251FT-M1190VG
1275	50.20	LFG2251FT-M1275VG
1360	53.54	LFG2251FT-M1360VG
1445	56.89	LFG2251FT-M1445VG
1530	60.24	LFG2251FT-M1530VG
1615	63.58	LFG2251FT-M1615VG
1700	66.93	LFG2251FT-M1700VG
1785	70.28	LFG2251FT-M1785VG
1870	73.62	LFG2251FT-M1870VG

Other versions for 25,4 mm (1") belts:



Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (½")



Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

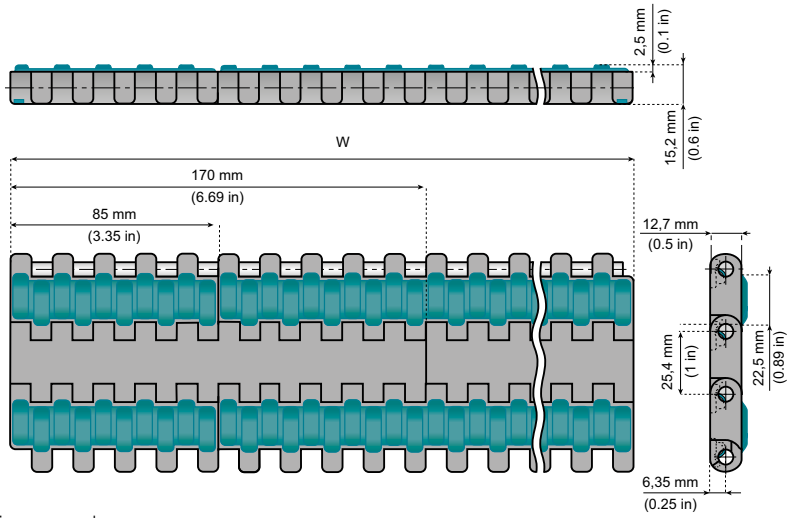
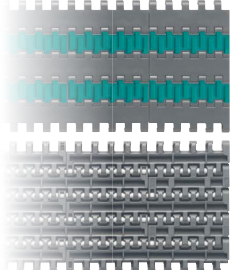


## 3 0 4 9 0 b

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (1/2")

www.SystemPlastSmartGuide.com

RUBBER INSERT EVERY 2ND & 3TH PITCH



**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 38000 N/m (2600 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)  
width > 935 mm (36.81 in): on request

## 3 0 5 5 0 a

**Standard material**  
**LFG (GREY)**  
Low friction acetal resin  
materials details:  
7 3 5 6 3 a

**TPR (WATER BLUE)**  
Thermoplastic rubber  
materials details:  
7 3 5 7 0 a

Other versions for 25,4 mm (1") belts:

**FT**  
Flat top

**FG**  
Flush grid

**LBP**  
(Low pressure)

Information about this product is only available on our Smart Guide® website.

For every insert, go to:

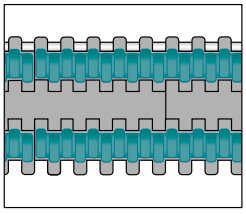
## 3 0 4 9 0 a

Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (1/2")

Also available with side indent. Go to:

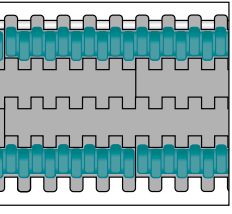
## 3 0 4 9 5 a

**VG2 2251**  
Insert every 2nd pitch



**Weight:**  
13,0 Kg/m<sup>2</sup> (2.65 lbs/ft<sup>2</sup>)

**VG3 2251**  
Insert every 3th pitch



**Weight:**  
12,8 Kg/m<sup>2</sup> (2.61 lbs/ft<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
85	3.35	LFG2251FT-M0085VG-2	LFG2251FT-M0085VG-3
170	6.69	LFG2251FT-M0170VG-2	LFG2251FT-M0170VG-3
255	10.04	LFG2251FT-M0255VG-2	LFG2251FT-M0255VG-3
340	13.39	LFG2251FT-M0340VG-2	LFG2251FT-M0340VG-3
425	16.73	LFG2251FT-M0425VG-2	LFG2251FT-M0425VG-3
510	20.08	LFG2251FT-M0510VG-2	LFG2251FT-M0510VG-3
595	23.43	LFG2251FT-M0595VG-2	LFG2251FT-M0595VG-3
680	26.77	LFG2251FT-M0680VG-2	LFG2251FT-M0680VG-3
765	30.12	LFG2251FT-M0765VG-2	LFG2251FT-M0765VG-3
850	33.46	LFG2251FT-M0850VG-2	LFG2251FT-M0850VG-3
935	36.81	LFG2251FT-M0935VG-2	LFG2251FT-M0935VG-3
1020	40.16	LFG2251FT-M1020VG-2	LFG2251FT-M1020VG-3
1105	43.50	LFG2251FT-M1105VG-2	LFG2251FT-M1105VG-3
1190	46.85	LFG2251FT-M1190VG-2	LFG2251FT-M1190VG-3
1275	50.20	LFG2251FT-M1275VG-2	LFG2251FT-M1275VG-3
1360	53.54	LFG2251FT-M1360VG-2	LFG2251FT-M1360VG-3
1445	56.89	LFG2251FT-M1445VG-2	LFG2251FT-M1445VG-3
1530	60.24	LFG2251FT-M1530VG-2	LFG2251FT-M1530VG-3
1615	63.58	LFG2251FT-M1615VG-2	LFG2251FT-M1615VG-3
1700	66.93	LFG2251FT-M1700VG-2	LFG2251FT-M1700VG-3
1785	70.28	LFG2251FT-M1785VG-2	LFG2251FT-M1785VG-3
1870	73.62	LFG2251FT-M1870VG-2	LFG2251FT-M1870VG-3

Other widths available on request.

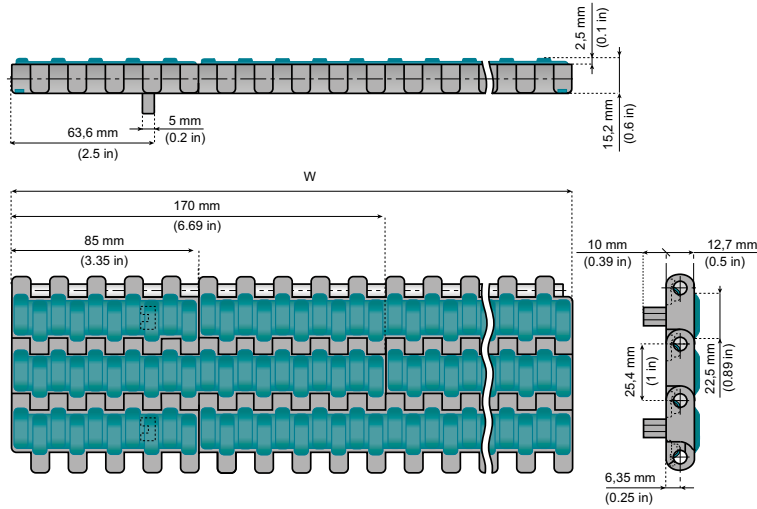
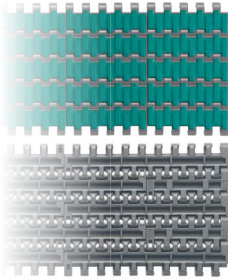
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30490c

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (½")

#### VERSIONS WITH POSITIONERS / RUBBER INSERTS

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**Belt material:** low friction acetal resin, grey colour

**Rubber material:** thermoplastic rubber, waterblue colour

**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 38000 N/m (2600 lbs/ft.)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)

width > 935 mm (36.81 in): on request

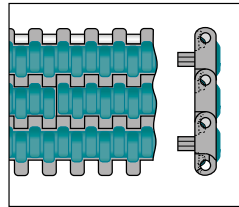
Also available with side indent. Go to:

**30495a**



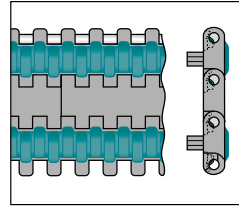
Information about this product is only available on our Smart Guide® website.

**VG 2251 P1**  
Insert every pitch



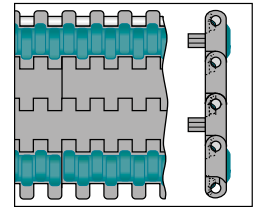
**Weight:**  
13,5 Kg/m<sup>2</sup> (2.75 lbs/ft<sup>2</sup>)

**VG2 2251 P1**  
Insert every 2nd pitch



**Weight:**  
13,0 Kg/m<sup>2</sup> (2.65 lbs/ft<sup>2</sup>)

**VG3 2251 P1**  
Insert every 3th pitch



**Weight:**  
12,8 Kg/m<sup>2</sup> (2.61 lbs/ft<sup>2</sup>)

**Standard material**

**LFG (GREY)**

Low friction acetal resin

materials details:

**73563a**

**TPR (WATER BLUE)**

Thermoplastic rubber

materials details:

**73570a**

Other versions for 25,4 mm (1") belts:

**FT Flat top** **FG Flush grid** **LBP (Low pressure)**

Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (½")

WIDTH W		ITEM DESCRIPTION		
mm	in	ITEM DESCRIPTION	ITEM DESCRIPTION	ITEM DESCRIPTION
85	3.35	LFG2251FT-P-M0085VG	LFG2251FT-P-M0085VG-2	LFG2251FT-P-M0085VG-3
170	6.69	LFG2251FT-P-M0170VG	LFG2251FT-P-M0170VG-2	LFG2251FT-P-M0170VG-3
255	10.04	LFG2251FT-P-M0255VG	LFG2251FT-P-M0255VG-2	LFG2251FT-P-M0255VG-3
340	13.39	LFG2251FT-P-M0340VG	LFG2251FT-P-M0340VG-2	LFG2251FT-P-M0340VG-3
425	16.73	LFG2251FT-P-M0425VG	LFG2251FT-P-M0425VG-2	LFG2251FT-P-M0425VG-3
510	20.08	LFG2251FT-P-M0510VG	LFG2251FT-P-M0510VG-2	LFG2251FT-P-M0510VG-3
595	23.43	LFG2251FT-P-M0595VG	LFG2251FT-P-M0595VG-2	LFG2251FT-P-M0595VG-3
680	26.77	LFG2251FT-P-M0680VG	LFG2251FT-P-M0680VG-2	LFG2251FT-P-M0680VG-3
765	30.12	LFG2251FT-P-M0765VG	LFG2251FT-P-M0765VG-2	LFG2251FT-P-M0765VG-3
850	33.46	LFG2251FT-P-M0850VG	LFG2251FT-P-M0850VG-2	LFG2251FT-P-M0850VG-3
935	36.81	LFG2251FT-P-M0935VG	LFG2251FT-P-M0935VG-2	LFG2251FT-P-M0935VG-3
1020	40.16	LFG2251FT-P-M1020VG	LFG2251FT-P-M1020VG-2	LFG2251FT-P-M1020VG-3
1105	43.50	LFG2251FT-P-M1105VG	LFG2251FT-P-M1105VG-2	LFG2251FT-P-M1105VG-3
1190	46.85	LFG2251FT-P-M1190VG	LFG2251FT-P-M1190VG-2	LFG2251FT-P-M1190VG-3
1275	50.20	LFG2251FT-P-M1275VG	LFG2251FT-P-M1275VG-2	LFG2251FT-P-M1275VG-3
1360	53.54	LFG2251FT-P-M1360VG	LFG2251FT-P-M1360VG-2	LFG2251FT-P-M1360VG-3
1445	56.89	LFG2251FT-P-M1445VG	LFG2251FT-P-M1445VG-2	LFG2251FT-P-M1445VG-3
1530	60.24	LFG2251FT-P-M1530VG	LFG2251FT-P-M1530VG-2	LFG2251FT-P-M1530VG-3
1615	63.58	LFG2251FT-P-M1615VG	LFG2251FT-P-M1615VG-2	LFG2251FT-P-M1615VG-3
1700	66.93	LFG2251FT-P-M1700VG	LFG2251FT-P-M1700VG-2	LFG2251FT-P-M1700VG-3
1785	70.28	LFG2251FT-P-M1785VG	LFG2251FT-P-M1785VG-2	LFG2251FT-P-M1785VG-3
1870	73.62	LFG2251FT-P-M1870VG	LFG2251FT-P-M1870VG-2	LFG2251FT-P-M1870VG-3

Other widths available on request.



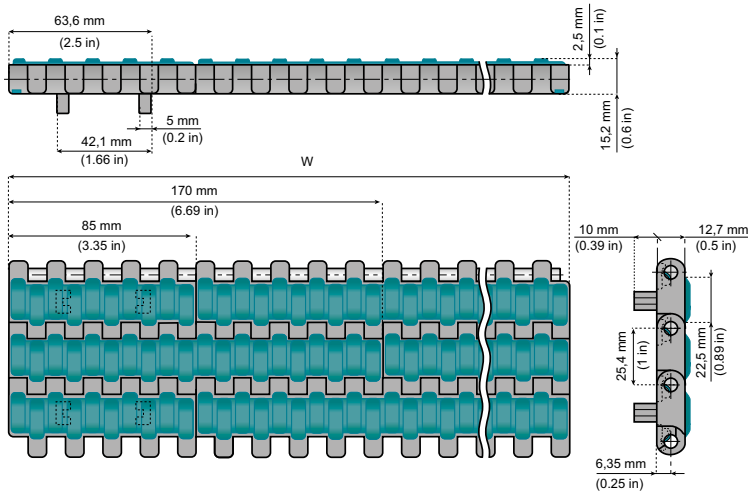
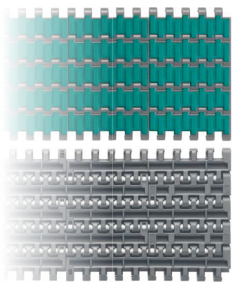
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30490d

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (½")

VERSIONS WITH TWIN POSITIONERS / RUBBER INSERTS

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 38000 N/m (2600 lbs/ft.)  
**Pin material:** PBT (white)

**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)  
width > 935 mm (36.81 in): on request

Also available with side indent. Go to: **30495a**

Information about this product is only available on our Smart Guide® website.

**Standard material**  
**LFG (GREY)**  
Low friction acetal resin

materials details: **73563a**

**TPR (WATER BLUE)**  
Thermoplastic rubber

materials details: **73570a**

Other versions for 25,4 mm (1") belts:

**FT Flat top** **FG Flush grid** **LBP (Low pressure)**

Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (½")

**VG 2251 P2**  
**Insert every pitch**

**Weight:** 13,5 Kg/m<sup>2</sup> (2.75 lbs/ft<sup>2</sup>)

**VG2 2251 P2**  
**Insert every 2nd pitch**

**Weight:** 13,0 (2.65 lbs/ft<sup>2</sup>)

**VG3 2251 P3**  
**Insert every 3th pitch**

**Weight:** 12,8 Kg/m<sup>2</sup> (2.61 lbs/ft<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION		ITEM DESCRIPTION		ITEM DESCRIPTION	
mm	in						
85	3.35	LFG2251FT-PT-M0085VG	LFG2251FT-PT-M0085VG-2	LFG2251FT-PT-M0085VG-3			
170	6.69	LFG2251FT-PT-M0170VG	LFG2251FT-PT-M0170VG-2	LFG2251FT-PT-M0170VG-3			
255	10.04	LFG2251FT-PT-M0255VG	LFG2251FT-PT-M0255VG-2	LFG2251FT-PT-M0255VG-3			
340	13.39	LFG2251FT-PT-M0340VG	LFG2251FT-PT-M0340VG-2	LFG2251FT-PT-M0340VG-3			
425	16.73	LFG2251FT-PT-M0425VG	LFG2251FT-PT-M0425VG-2	LFG2251FT-PT-M0425VG-3			
510	20.08	LFG2251FT-PT-M0510VG	LFG2251FT-PT-M0510VG-2	LFG2251FT-PT-M0510VG-3			
595	23.43	LFG2251FT-PT-M0595VG	LFG2251FT-PT-M0595VG-2	LFG2251FT-PT-M0595VG-3			
680	26.77	LFG2251FT-PT-M0680VG	LFG2251FT-PT-M0680VG-2	LFG2251FT-PT-M0680VG-3			
765	30.12	LFG2251FT-PT-M0765VG	LFG2251FT-PT-M0765VG-2	LFG2251FT-PT-M0765VG-3			
850	33.46	LFG2251FT-PT-M0850VG	LFG2251FT-PT-M0850VG-2	LFG2251FT-PT-M0850VG-3			
935	36.81	LFG2251FT-PT-M0935VG	LFG2251FT-PT-M0935VG-2	LFG2251FT-PT-M0935VG-3			
1020	40.16	LFG2251FT-PT-M1020VG	LFG2251FT-PT-M1020VG-2	LFG2251FT-PT-M1020VG-3			
1105	43.50	LFG2251FT-PT-M1105VG	LFG2251FT-PT-M1105VG-2	LFG2251FT-PT-M1105VG-3			
1190	46.85	LFG2251FT-PT-M1190VG	LFG2251FT-PT-M1190VG-2	LFG2251FT-PT-M1190VG-3			
1275	50.20	LFG2251FT-PT-M1275VG	LFG2251FT-PT-M1275VG-2	LFG2251FT-PT-M1275VG-3			
1360	53.54	LFG2251FT-PT-M1360VG	LFG2251FT-PT-M1360VG-2	LFG2251FT-PT-M1360VG-3			
1445	56.89	LFG2251FT-PT-M1445VG	LFG2251FT-PT-M1445VG-2	LFG2251FT-PT-M1445VG-3			
1530	60.24	LFG2251FT-PT-M1530VG	LFG2251FT-PT-M1530VG-2	LFG2251FT-PT-M1530VG-3			
1615	63.58	LFG2251FT-PT-M1615VG	LFG2251FT-PT-M1615VG-2	LFG2251FT-PT-M1615VG-3			
1700	66.93	LFG2251FT-PT-M1700VG	LFG2251FT-PT-M1700VG-2	LFG2251FT-PT-M1700VG-3			
1785	70.28	LFG2251FT-PT-M1785VG	LFG2251FT-PT-M1785VG-2	LFG2251FT-PT-M1785VG-3			
1870	73.62	LFG2251FT-PT-M1870VG	LFG2251FT-PT-M1870VG-2	LFG2251FT-PT-M1870VG-3			

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

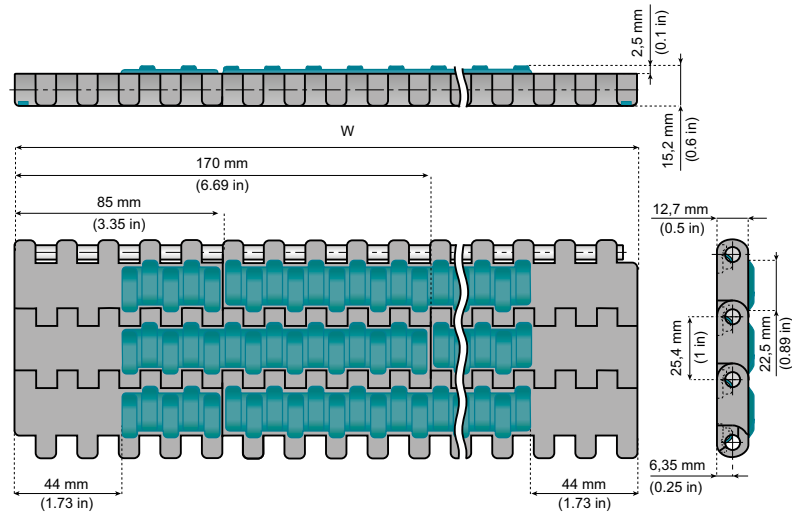
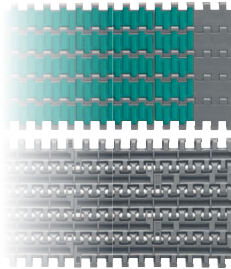


## 30495a

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (½")

#### RUBBER INSERT EVERY PITCH WITH SIDE INDENT

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



#### VERSION WITH SIDE INDENT

**Belt material:** low friction acetal resin, grey colour

**Rubber material:** thermoplastic rubber, waterblue colour

**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 38000 N/m (2600 lbs/ft.)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)

width > 935 mm (36.81 in): on request

#### Standard material

##### LFG (GREY)

Low friction acetal resin

materials details:

**73563a**

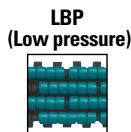
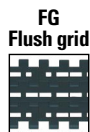
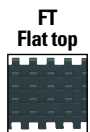
##### TPR (WATER BLUE)

Thermoplastic rubber

materials details:

**73570a**

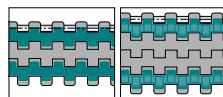
Other versions for 25,4 mm (1") belts:



Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (½")

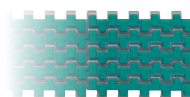


**30550a**



For insert every 2nd or 3th pitch, go to:

**30495b**



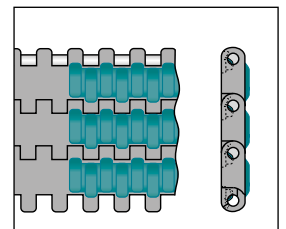
For full rubber surface width. Go to:

**30490a**



Information about this product is only available on our Smart Guide® website.

#### VGS 2251 Insert every pitch



**Weight:**

13,5 Kg/m<sup>2</sup> (2.75 lbs/ft<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION
mm	in	
255	10.04	LFG2251FT-M0255VGS
340	13.39	LFG2251FT-M0340VGS
425	16.73	LFG2251FT-M0425VGS
510	20.08	LFG2251FT-M0510VGS
595	23.43	LFG2251FT-M0595VGS
680	26.77	LFG2251FT-M0680VGS
765	30.12	LFG2251FT-M0765VGS
850	33.46	LFG2251FT-M0850VGS
935	36.81	LFG2251FT-M0935VGS
1020	40.16	LFG2251FT-M1020VGS
1105	43.50	LFG2251FT-M1105VGS
1190	46.85	LFG2251FT-M1190VGS
1275	50.20	LFG2251FT-M1275VGS
1360	53.54	LFG2251FT-M1360VGS
1445	56.89	LFG2251FT-M1445VGS
1530	60.24	LFG2251FT-M1530VGS
1615	63.58	LFG2251FT-M1615VGS
1700	66.93	LFG2251FT-M1700VGS
1785	70.28	LFG2251FT-M1785VGS
1870	73.62	LFG2251FT-M1870VGS

Other widths available on request.

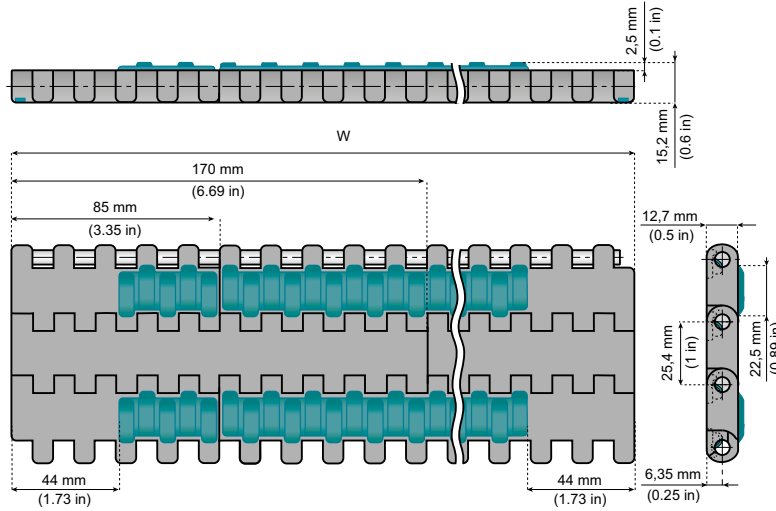
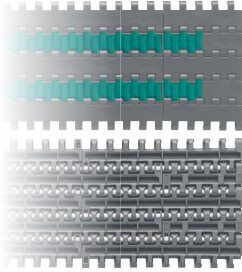
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30495b

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (½")

#### RUBBER INSERT EVERY 2ND & 3TH PITCH WITH SIDE INDENT

www.SystemPlastSmartGuide.com



#### VERSION WITH SIDE INDENT

**Belt material:** low friction acetal resin, grey colour

**Rubber material:** thermoplastic rubber, waterblue colour

**Backflex radius:** 30 mm (1.18 in)

**Max load capacity:** 38000 N/m (2600 lbs/ft.)

**Pin material:** PBT (white)

**Standard length:**

width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)

width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)

width > 935 mm (36.81 in): on request



Standard material

**LFG (GREY)**

Low friction acetal resin

materials details:



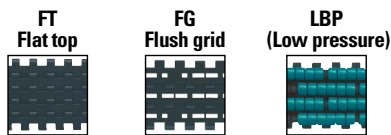
**TPR (WATER BLUE)**

Thermoplastic rubber

materials details:



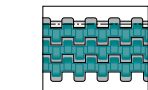
Other versions for 25,4 mm (1") belts:



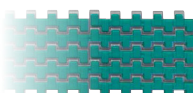
Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (½")



Information about this product is only available on our Smart Guide® website.



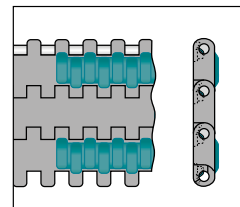
For every insert, go to:



For full rubber surface width. Go to:

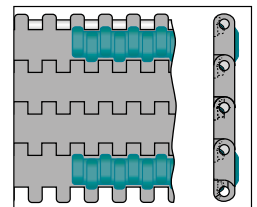


**VGS2 2251**  
Insert every 2nd pitch



**Weight:**  
13,0 Kg/m<sup>2</sup> (2.65 lbs/ft<sup>2</sup>)

**VGS3 2251**  
Insert every 3th pitch



**Weight:**  
12,8 Kg/m<sup>2</sup> (2.61 lbs/ft<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
170	6.69	LFG2251FT-M0170VGS-2	LFG2251FT-M0170VGS-3
255	10.04	LFG2251FT-M0255VGS-2	LFG2251FT-M0255VGS-3
340	13.39	LFG2251FT-M0340VGS-2	LFG2251FT-M0340VGS-3
425	16.73	LFG2251FT-M0425VGS-2	LFG2251FT-M0425VGS-3
510	20.08	LFG2251FT-M0510VGS-2	LFG2251FT-M0510VGS-3
595	23.43	LFG2251FT-M0595VGS-2	LFG2251FT-M0595VGS-3
680	26.77	LFG2251FT-M0680VGS-2	LFG2251FT-M0680VGS-3
765	30.12	LFG2251FT-M0765VGS-2	LFG2251FT-M0765VGS-3
850	33.46	LFG2251FT-M0850VGS-2	LFG2251FT-M0850VGS-3
935	36.81	LFG2251FT-M0935VGS-2	LFG2251FT-M0935VGS-3
1020	40.16	LFG2251FT-M1020VGS-2	LFG2251FT-M1020VGS-3
1105	43.50	LFG2251FT-M1105VGS-2	LFG2251FT-M1105VGS-3
1190	46.85	LFG2251FT-M1190VGS-2	LFG2251FT-M1190VGS-3
1275	50.20	LFG2251FT-M1275VGS-2	LFG2251FT-M1275VGS-3
1360	53.54	LFG2251FT-M1360VGS-2	LFG2251FT-M1360VGS-3
1445	56.89	LFG2251FT-M1445VGS-2	LFG2251FT-M1445VGS-3
1530	60.24	LFG2251FT-M1530VGS-2	LFG2251FT-M1530VGS-3
1615	63.58	LFG2251FT-M1615VGS-2	LFG2251FT-M1615VGS-3
1700	66.93	LFG2251FT-M1700VGS-2	LFG2251FT-M1700VGS-3
1785	70.28	LFG2251FT-M1785VGS-2	LFG2251FT-M1785VGS-3
1870	73.62	LFG2251FT-M1870VGS-2	LFG2251FT-M1870VGS-3

Other widths available on request.

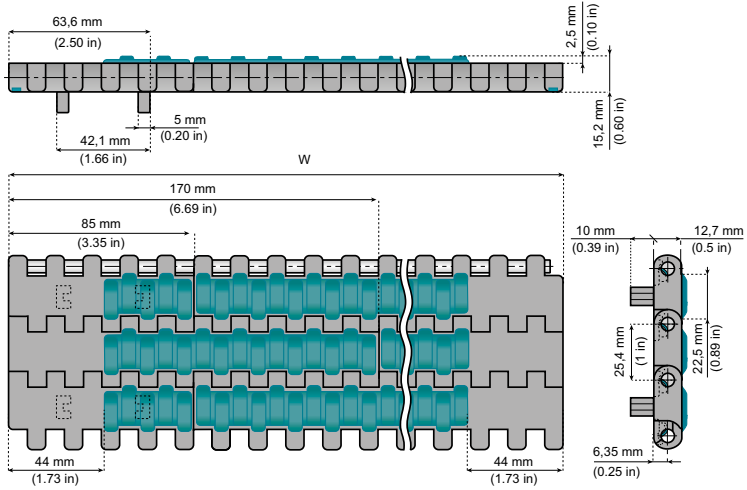
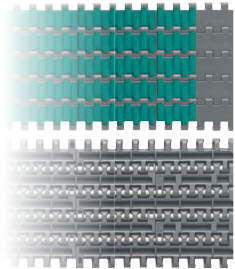
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30495d

### 25,4 mm (1") MODULAR BELTS - THICKNESS: 12,7 mm (½")

www.SystemPlastSmartGuide.com

VERSIONS WITH TWIN POSITIONERS AND SIDE INDENT / RUBBER INSERTS



#### VERSION WITH SIDE INDENT

**Belt material:** low friction acetal resin, grey colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Backflex radius:** 30 mm (1.18 in)  
**Max load capacity:** 38000 N/m (2600 lbs/ft.)  
**Pin material:** PBT (white)  
**Standard length:**  
width ≤ 340 mm (13.39 in): 3,05 m (10 ft.)  
width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 1,52 m (5 ft.)  
width > 935 mm (36.81 in): on request



For full rubber surface width. Go to:  
**30490a**



Information about this product is only available on our Smart Guide® website.

**Standard material**  
**LFG (GREY)**  
Low friction acetal resin

materials details:  
**73563a**

**TPR (WATER BLUE)**  
Thermoplastic rubber

materials details:  
**73570a**

Other versions for 25,4 mm (1") belts:

**FT**  
Flat top

**FG**  
Flush grid

**LBP**  
(Low pressure)

Notes: Schematic presentation of all VG rubber insert 25,4 mm (1") pitch belts. Thickness: 12,7 mm (½")

**VGS 2251 P2**  
Insert every pitch

**Weight:**  
13,5 Kg/m<sup>2</sup> (2.75 lbs/ft<sup>2</sup>)

**VGS2 2251 P2**  
Insert every 2nd pitch

**Weight:**  
13,0 (2.65 lbs/ft<sup>2</sup>)

**VGS3 2251 P2**  
Insert every 3th pitch

**Weight:**  
12,8 Kg/m<sup>2</sup> (2.61 lbs/ft<sup>2</sup>)

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in			
170	6.69	-	LFG2251FT-PT-M0170VGS-2	-
255	10.04	LFG2251FT-PT-M0255VGS	LFG2251FT-PT-M0255VGS-2	LFG2251FT-PT-M0255VGS-3
340	13.39	LFG2251FT-PT-M0340VGS	LFG2251FT-PT-M0340VGS-2	LFG2251FT-PT-M0340VGS-3
425	16.73	LFG2251FT-PT-M0425VGS	LFG2251FT-PT-M0425VGS-2	LFG2251FT-PT-M0425VGS-3
510	20.08	LFG2251FT-PT-M0510VGS	LFG2251FT-PT-M0510VGS-2	LFG2251FT-PT-M0510VGS-3
595	23.43	LFG2251FT-PT-M0595VGS	LFG2251FT-PT-M0595VGS-2	LFG2251FT-PT-M0595VGS-3
680	26.77	LFG2251FT-PT-M0680VGS	LFG2251FT-PT-M0680VGS-2	LFG2251FT-PT-M0680VGS-3
765	30.12	LFG2251FT-PT-M0765VGS	LFG2251FT-PT-M0765VGS-2	LFG2251FT-PT-M0765VGS-3
850	33.46	LFG2251FT-PT-M0850VGS	LFG2251FT-PT-M0850VGS-2	LFG2251FT-PT-M0850VGS-3
935	36.81	LFG2251FT-PT-M0935VGS	LFG2251FT-PT-M0935VGS-2	LFG2251FT-PT-M0935VGS-3
1020	40.16	LFG2251FT-PT-M1020VGS	LFG2251FT-PT-M1020VGS-2	LFG2251FT-PT-M1020VGS-3
1105	43.50	LFG2251FT-PT-M1105VGS	LFG2251FT-PT-M1105VGS-2	LFG2251FT-PT-M1105VGS-3
1190	46.85	LFG2251FT-PT-M1190VGS	LFG2251FT-PT-M1190VGS-2	LFG2251FT-PT-M1190VGS-3
1275	50.20	LFG2251FT-PT-M1275VGS	LFG2251FT-PT-M1275VGS-2	LFG2251FT-PT-M1275VGS-3
1360	53.54	LFG2251FT-PT-M1360VGS	LFG2251FT-PT-M1360VGS-2	LFG2251FT-PT-M1360VGS-3
1445	56.89	LFG2251FT-PT-M1445VGS	LFG2251FT-PT-M1445VGS-2	LFG2251FT-PT-M1445VGS-3
1530	60.24	LFG2251FT-PT-M1530VGS	LFG2251FT-PT-M1530VGS-2	LFG2251FT-PT-M1530VGS-3
1615	63.58	LFG2251FT-PT-M1615VGS	LFG2251FT-PT-M1615VGS-2	LFG2251FT-PT-M1615VGS-3
1700	66.93	LFG2251FT-PT-M1700VGS	LFG2251FT-PT-M1700VGS-2	LFG2251FT-PT-M1700VGS-3
1785	70.28	LFG2251FT-PT-M1785VGS	LFG2251FT-PT-M1785VGS-2	LFG2251FT-PT-M1785VGS-3
1870	73.62	LFG2251FT-PT-M1870VGS	LFG2251FT-PT-M1870VGS-2	LFG2251FT-PT-M1870VGS-3

Other widths available on request.

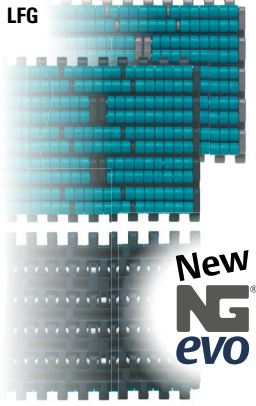
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30500a

### 25,4 mm (1") MODULAR BELTS 2251LBP - THICKNESS: 12,7 mm (1/2")

www.SystemPlastSmartGuide.com

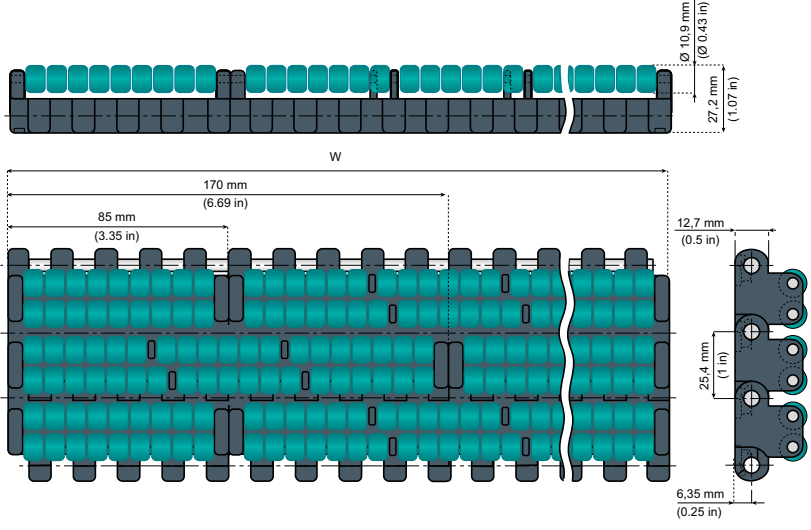
LOW NOISE ACCUMULATION ROLLERS



**NG® evo** conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

- Backflex radius:** 120 mm (4.72 in)
- Max load capacity:** 34200 N/m (2340 lbs/ft.)
- Weight:** 28,8 Kg/m<sup>2</sup> (5.88 lbs/ft<sup>2</sup>.)
- Pin material:** PBT (white)
- Roller shaft material:** Stainless Steel AISI 304
- Standard length:**
  - width ≤ 340 mm (13.39 in): 1,52 m (5 ft.)
  - width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 0,762 m (0.03 in)
  - width > 935 mm (36.81 in): on request



**ROLLER GUIDE**

For roller guides. Go to:

**52510a**

Information about this product is only available on our Smart Guide® website.

**30550a**

Other versions for 25,4 mm (1") belts:

- FT Flat top**
- FG Flush grid**
- VG Rubber insert**

Notes: Schematic presentation of all LBP low pressure 25,4 mm (1") pitch belts. Thickness: 12,7 mm (1/2")

**Standard materials**

NGE (GREY BLUE)	LFG (GREY)
New Generation®	Low friction acetal resin

materials details: **73563a**

WIDTH W		ITEM DESCRIPTION	
mm	in	NGE (GREY BLUE)	LFG (GREY)
85	3.35	NGE2251LBP-M0085	LFG2251LBP-M0085
170	6.69	NGE2251LBP-M0170	LFG2251LBP-M0170
255	10.04	NGE2251LBP-M0255	LFG2251LBP-M0255
340	13.39	NGE2251LBP-M0340	LFG2251LBP-M0340
425	16.73	NGE2251LBP-M0425	LFG2251LBP-M0425
510	20.08	NGE2251LBP-M0510	LFG2251LBP-M0510
595	23.43	NGE2251LBP-M0595	LFG2251LBP-M0595
680	26.77	NGE2251LBP-M0680	LFG2251LBP-M0680
765	30.12	NGE2251LBP-M0765	LFG2251LBP-M0765
850	33.46	NGE2251LBP-M0850	LFG2251LBP-M0850
935	36.81	NGE2251LBP-M0935	LFG2251LBP-M0935
1020	40.16	NGE2251LBP-M1020	LFG2251LBP-M1020
1105	43.50	NGE2251LBP-M1105	LFG2251LBP-M1105
1190	46.85	NGE2251LBP-M1190	LFG2251LBP-M1190
1275	50.20	NGE2251LBP-M1275	LFG2251LBP-M1275
1360	53.54	NGE2251LBP-M1360	LFG2251LBP-M1360

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30500b

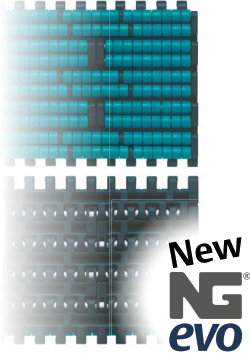
### 25,4 mm (1") MODULAR BELTS 2251LBP - THICKNESS: 12,7 mm (1/2")

www.SystemPlastSmartGuide.com

LOW NOISE ACCUMULATION ROLLERS

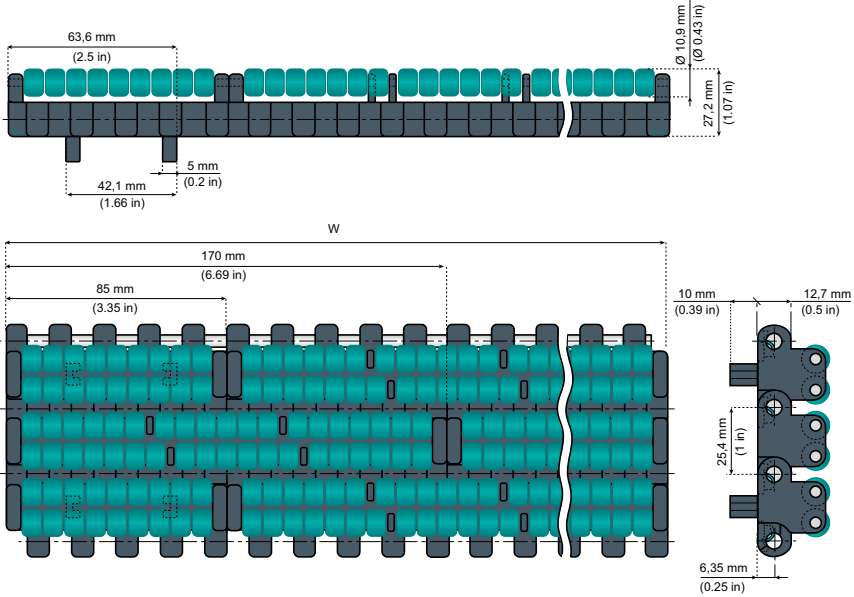


### 2251 LBP PT



New  
**NG evo**

**NG® evo conveyor components**  
made from engineered plastic resin  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....



- Backflex radius:** 120 mm (4.72 in)
- Max load capacity:** 34200 N/m (2340 lbs/ft.)
- Weight:** 28,8 Kg/m<sup>2</sup> (5.88 lbs/ft<sup>2</sup>)
- Pin material:** PBT (white)
- Roller shaft material:** Stainless Steel AISI 304
- Standard length:**
  - width ≤ 340 mm (13.39 in): 1,52 m (5 ft.)
  - width > 340 mm (13.39 in) ≤ 935 mm (36.81 in): 0,762 m (0.03 in)
  - width > 935 mm (36.81 in): on request

**ROLLER GUIDE**

For roller guides.  
Go to:  
**52510a**

**30550a**

Other versions for 25,4 mm (1") belts:

- FT Flat top**
- FG Flush grid**
- VG Rubber insert**

Information about this product is only available on our Smart Guide® website.

Notes: Schematic presentation of all LBP low pressure 25,4 mm (1") pitch belts. Thickness: 12,7 mm (1/2")

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:  
**73563a**

WIDTH W		ITEM DESCRIPTION
mm	in	
85	3.35	NGE2251LBP-PT-M0085
170	6.69	NGE2251LBP-PT-M0170
255	10.04	NGE2251LBP-PT-M0255
340	13.39	NGE2251LBP-PT-M0340
425	16.73	NGE2251LBP-PT-M0425
510	20.08	NGE2251LBP-PT-M0510
595	23.43	NGE2251LBP-PT-M0595
680	26.77	NGE2251LBP-PT-M0680
765	30.12	NGE2251LBP-PT-M0765
850	33.46	NGE2251LBP-PT-M0850
935	36.81	NGE2251LBP-PT-M0935
1020	40.16	NGE2251LBP-PT-M1020
1105	43.50	NGE2251LBP-PT-M1105
1190	46.85	NGE2251LBP-PT-M1190
1275	50.20	NGE2251LBP-PT-M1275
1360	53.54	NGE2251LBP-PT-M1360

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30550a

## DRIVE AND RETURN SPROCKETS

FOR BELTS 2251-2252

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



### Notes:

- Sprockets with single keyway can be used for belt widths up to 680 mm and temperature differences of maximum 30°C.
- For wider belts or bigger temperature differences, sprockets with square bores or round bore with double keyway have to be used.

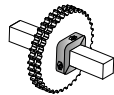
Drive sprockets are manufactured for a tight fit on the shaft. To order single keyway sprockets capable of floating freely on the shaft, just add the letter "P" (=plus) to the existing item description. For example, **2251-14R30M-DPS**

### Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Information about this product is only available on our Smart Guide® website.



Set collars, go to:

**54630a**



See also the sprockets and idler wheels:

**30550b**

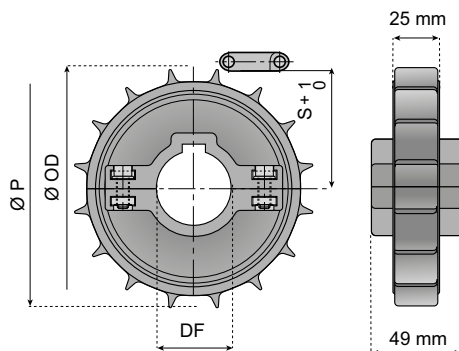


Z	Ø OD mm	Ø P mm	S mm
14	113,68	114,18	50,7
16	130	130,2	58,7
18	146	146,3	66,7
20	162	162,4	74,8



See belts:  
1" Pitch (25,4mm)  
Thickness=12,7mm.

**30410a**



### MOLDED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 30	Ø 35	Ø 40	Ø 45
	ITEM DESCRIPTION			
14	2251-14R30M-DS	2251-14R35M-DS	2251-14R40M-DS	-
16	2251-16R30M-DS	2251-16R35M-DS	2251-16R40M-DS	2251-16R45M-DS
18	2251-18R30M-DS	2251-18R35M-DS	2251-18R40M-DS	2251-18R45M-DS
20	2251-20R30M-DS	2251-20R35M-DS	2251-20R40M-DS	2251-20R45M-DS



### MOLDED RETURN SPROCKETS - SPLIT

14	2251-14R30M-RS	2251-14R35M-RS	2251-14R40M-RS	-
16	2251-16R30M-RS	2251-16R35M-RS	2251-16R40M-RS	2251-16R45M-RS
18	2251-18R30M-RS	2251-18R35M-RS	2251-18R40M-RS	2251-18R45M-RS
20	2251-20R30M-RS	2251-20R35M-RS	2251-20R40M-RS	2251-20R45M-RS



### MOLDED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING

Z	∅ 30X30		∅ 40X40	
14	-	-	-	-
16	-	-	2251-16S40M-DS	-
18	-	-	2251-18S40M-DS	-
20	-	-	2251-20S40M-DS	-

**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30550b

## DRIVE AND RETURN SPROCKETS

www.SystemPlastSmartGuide.com

FOR BELTS 2251-2252

### Notes:

- Sprockets with single keyway can be used for belt widths up to 680 mm and temperature differences of maximum 30°C.
- For wider belts or bigger temperature differences, sprockets with square bores or round bore with double keyway have to be used.

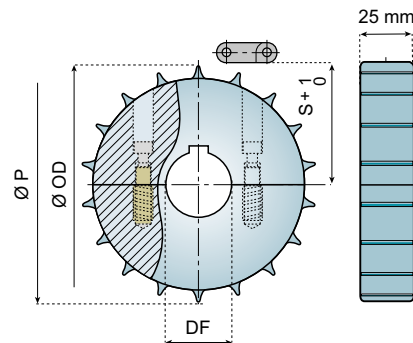
Drive sprockets are manufactured for a tight fit on the shaft. To order single keyway sprockets capable of floating freely on the shaft, just add the letter "P" (=plus) to the existing Item description. For example, **2251-12R25M-DPMS**



### New design 30990a

#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Z	Ø OD mm	Ø P mm	S mm
12	97,9	98,14	42,7
13	105,54	106,14	46,7
14	114	114,18	50,7
15	122,16	122,2	54,6
16	130	130,2	58,7
18	146	146,28	66,7
20	162	162,37	74,8
21	171	170,42	78,9

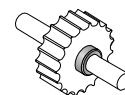
<b>MACHINED DRIVE SPROCKETS - SPLIT FIXED</b>					
Z	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
ITEM DESCRIPTION					
12	-	2251-12R25M-DMS	2251-12R30M-DMS	2251-12R35M-DMS	2251-12R40M-DMS
13	-	2251-13R25M-DMS	2251-13R30M-DMS	2251-13R35M-DMS	2251-13R40M-DMS
14	-	2251-14R25M-DMS	2251-14R30M-DMS	2251-14R35M-DMS	2251-14R40M-DMS
15	-	2251-15R25M-DMS	2251-15R30M-DMS	2251-15R35M-DMS	2251-15R40M-DMS
16	-	2251-16R25M-DMS	2251-16R30M-DMS	2251-16R35M-DMS	2251-16R40M-DMS
18	-	2251-18R25M-DMS	2251-18R30M-DMS	2251-18R35M-DMS	2251-18R40M-DMS
20	-	2251-20R25M-DMS	2251-20R30M-DMS	2251-20R35M-DMS	2251-20R40M-DMS
21	-	2251-21R25M-DMS	2251-21R30M-DMS	2251-21R35M-DMS	2251-21R40M-DMS

<b>MACHINED RETURN SPROCKETS - SPLIT</b>					
Z	Ø 18* (R18M) Ø 23* (R23M)	Ø 25	Ø 30	Ø 35	Ø 40
12	2251-12R18M-RMS	2251-12R25M-RMS	2251-12R30M-RMS	2251-12R35M-RMS	2251-12R40M-RMS
13	2251-13R23M-RMS	2251-13R25M-RMS	2251-13R30M-RMS	2251-13R35M-RMS	2251-13R40M-RMS
14	2251-14R23M-RMS	2251-14R25M-RMS	2251-14R30M-RMS	2251-14R35M-RMS	2251-14R40M-RMS
15	2251-15R23M-RMS	2251-15R25M-RMS	2251-15R30M-RMS	2251-15R35M-RMS	2251-15R40M-RMS
16	2251-16R23M-RMS	2251-16R25M-RMS	2251-16R30M-RMS	2251-16R35M-RMS	2251-16R40M-RMS
18	2251-18R23M-RMS	2251-18R25M-RMS	2251-18R30M-RMS	2251-18R35M-RMS	2251-18R40M-RMS
20	2251-20R23M-RMS	2251-20R25M-RMS	2251-20R30M-RMS	2251-20R35M-RMS	2251-20R40M-RMS
21	2251-21R23M-RMS	2251-21R25M-RMS	2251-21R30M-RMS	2251-21R35M-RMS	2251-21R40M-RMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.

\*Plain bore



Set collars, go to:

**54630a**

<b>MACHINED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING</b>		
Z	Ø 40X40	Ø 60X60
12	-	-
13	2251-13S40M-DMS	-
14	2251-14S40M-DMS	-
16	2251-16S40M-DMS	2251-16S60M-DMS
18	2251-18S40M-DMS	2251-18S60M-DMS
20	2251-20S40M-DMS	2251-20S60M-DMS
21	2251-21S40M-DMS	2251-21S60M-DMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.



See belts: 1" Pitch (25,4mm)  
Thickness=12,7mm.

**30410a**



See also the sprockets and idler wheels:

**30550a**



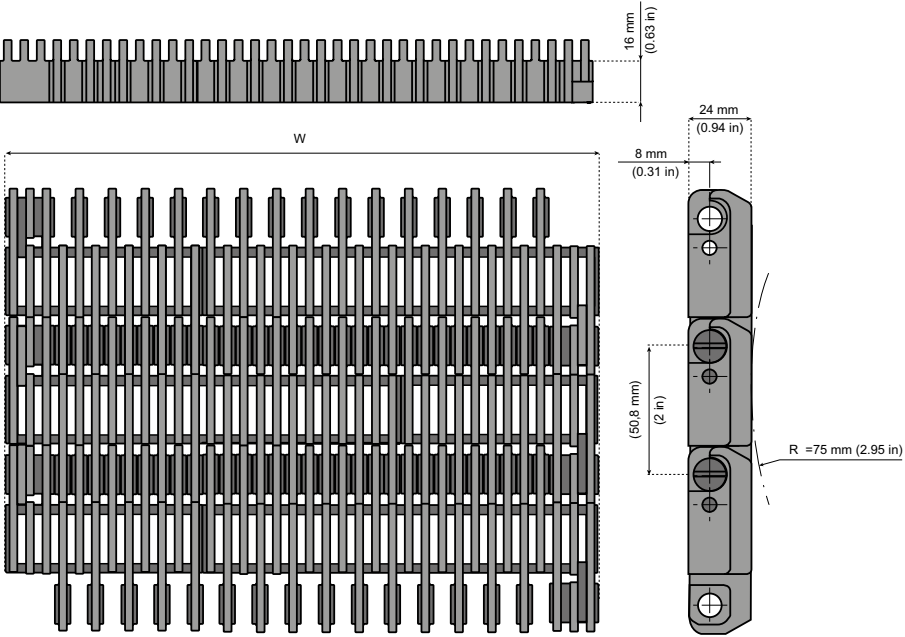
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 6 1 0 a**

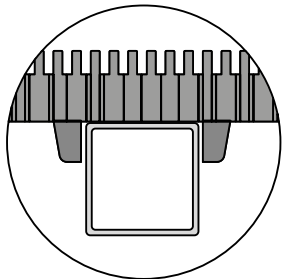
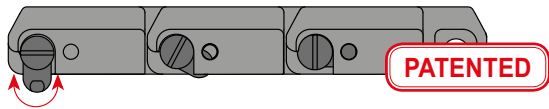
**50,8 mm (2") MODULAR BELTS 2500 - THICKNESS: 16 mm (0.63 in)**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**RAISED RIB BELTS**



**Backflex radius:** 75 mm (2.95 in)  
**Max load capacity:** 30000 N/m (2000 lbs/ft.)  
**Weight:** 9,2 Kg/m<sup>2</sup> (1.88 lbs/ft.<sup>2</sup>)  
**Pin material:** Polypropylene  
**Belt Material:** Polypropylene (Dark grey)  
**Open Surface:** 27%.  
**Standard length:**  
width ≤ 15 in: 3,05 m (0.12 in)  
width > 15 in: 1,02 m (0.04 in)



2500RR - Raised Rib modular belts are also available with positioners.  
Go to: **7 2 3 1 2 a**

**Standard material**  
**PPG (DARK GREY)**  
Polypropylene

materials details:  
**7 3 5 6 5 a**

For Combs.  
Go to:  
**3 0 6 1 5 a**

Information about this product is only available on our Smart Guide® website.

WIDTH W		ITEM DESCRIPTION
mm	in	
229	9.00	PPG2500RR-K900
305	12.00	PPG2500RR-K1200
381	15.00	PPG2500RR-K1500
457	18.00	PPG2500RR-K1800
533	21.00	PPG2500RR-K2100
610	24.00	PPG2500RR-K2400
686	27.00	PPG2500RR-K2700
762	30.00	PPG2500RR-K3000
838	33.00	PPG2500RR-K3300
914	36.00	PPG2500RR-K3600
991	39.00	PPG2500RR-K3900
1067	42.00	PPG2500RR-K4200
1143	45.00	PPG2500RR-K4500
1219	48.00	PPG2500RR-K4800
1295	51.00	PPG2500RR-K5100
1372	54.00	PPG2500RR-K5400
1448	57.00	PPG2500RR-K5700
1524	60.00	PPG2500RR-K6000
1600	63.00	PPG2500RR-K6300
1676	66.00	PPG2500RR-K6600
1753	69.00	PPG2500RR-K6900
1829	72.00	PPG2500RR-K7200
1905	75.00	PPG2500RR-K7500
1981	78.00	PPG2500RR-K7800
2057	81.00	PPG2500RR-K8100
2134	84.00	PPG2500RR-K8400
2210	87.00	PPG2500RR-K8700
2286	90.00	PPG2500RR-K9000
2362	93.00	PPG2500RR-K9300
2438	96.00	PPG2500RR-K9600
2515	99.00	PPG2500RR-K9900
2591	102.00	PPG2500RR-K10200
2667	105.00	PPG2500RR-K10500
2743	108.00	PPG2500RR-K10800
2819	111.00	PPG2500RR-K11100
2896	114.00	PPG2500RR-K11400
2972	117.00	PPG2500RR-K11700
3048	120.00	PPG2500RR-K12000
3124	123.00	PPG2500RR-K12300
3200	126.00	PPG2500RR-K12600
3277	129.00	PPG2500RR-K12900
3353	132.00	PPG2500RR-K13200
3429	135.00	PPG2500RR-K13500
3505	138.00	PPG2500RR-K13800
3581	141.00	PPG2500RR-K14100
3658	144.00	PPG2500RR-K14400
3734	147.00	PPG2500RR-K14700
3810	150.00	PPG2500RR-K15000

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30615a

## COMBS FOR 2500 RR RAISED RIB BELT 2"

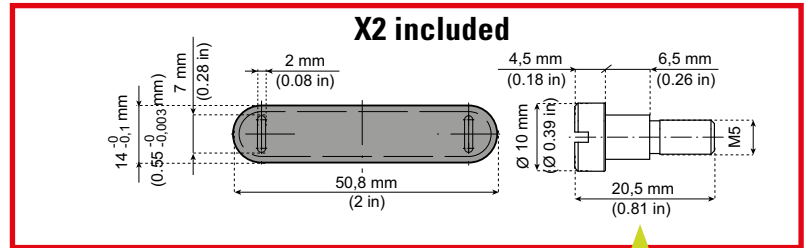
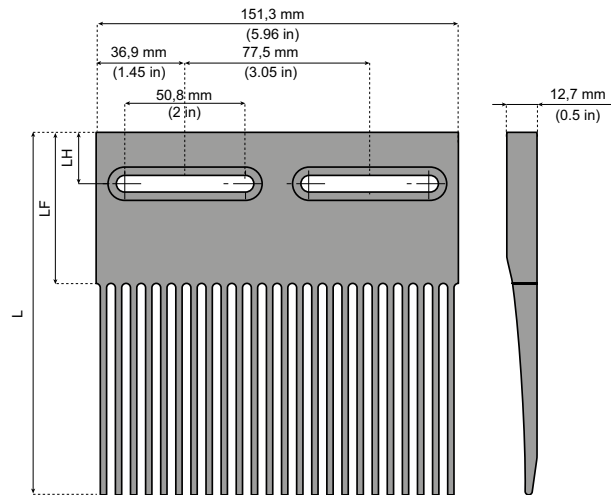
www.SystemPlastSmartGuide.com

ITEM DESCRIPTION	L		LF		LH	
	mm	in	mm	in	mm	in
LFG-COMB2500-M152	152,4	6	63,5	2.5	21,6	0.85
LFG-COMB2500-M190	190,5	7.5	101,3	3.99	38,1	1.5
PAB-COMB2500-M165	165,1	6.5	130,8	5.15	38,1	1.5

**Material:** LFG - Acetal, Grey.  
PAB - Reinforced polyamide, black

**Note:**

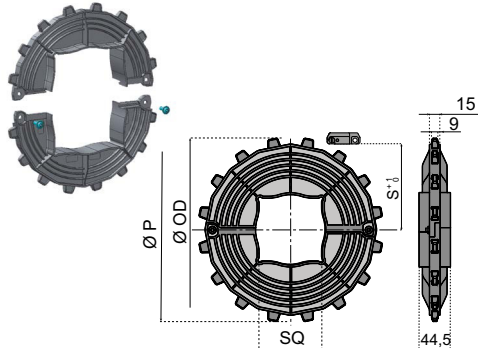
- Use shouldered screws (included) for fixing the comb to the conveyor construction.
- Two caps are supplied with each comb to cover the long holes.



**Material:** stainless steel.  
Shoulder screws are designed to fix the combs to the conveyor construction, but still allow for horizontal movement of the combs. This is required to follow expansion and contraction of the belt. Please consult Technical Support for optimum positioning of the screws.

<b>SHOULDER SCREWS</b>
<b>ITEM DESCRIPTION</b>
<b>SCREW21M5-SS</b>

## DRIVE SPROCKETS FOR BELT 2500RR

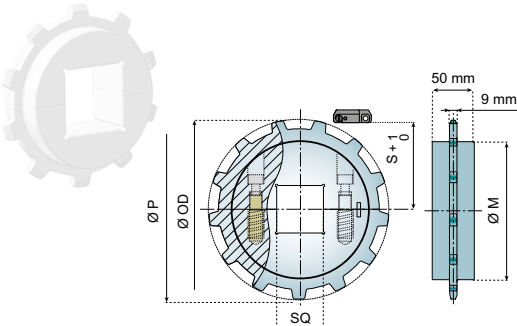


- Features:**
- Split versions: quick and easy replacement.
  - Excellent wear and chemical resistance.
  - Recyclable.

Z	Ø 65X65	Ø 90X90	Ø 120X120
16	2500-16S65M-DS	2500-16S90M-DS	2500-16S120M-DS

Z	Ø OD mm	Ø P mm	S mm
16	263,7	260,4	122,3

**Material:** acetal.



**New design** 30990a

- Features:**
- Very high strength.
  - Split versions: quick and easy replacement.
  - Foolproof design.
  - Completely closed structure, easy to clean and to disinfect.
  - Excellent wear and chemical resistance.
  - Recyclable.

See belts 2500:  
30610a

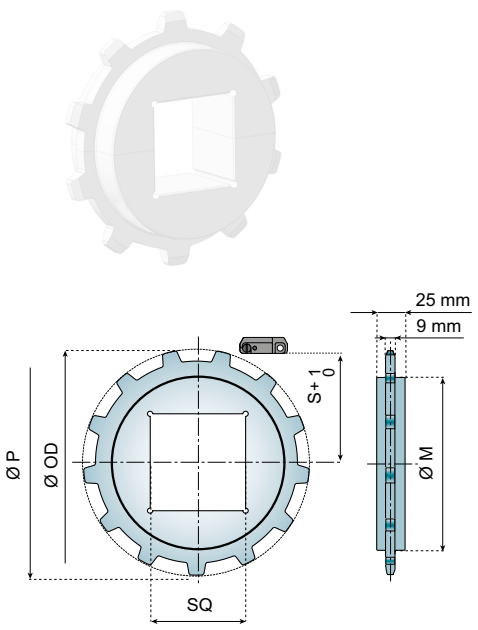
Information about this product is only available on our Smart Guide® website.  
See also the sprockets and idler wheels:  
30615b

Z	Ø P mm	Ø OD mm	Ø M mm	S mm
10	164,4	165	125	74,2
12	196,3	198	148	90,1
13	212,3	215	164	98,1
14	228,3	231	168	106,1
15	244,3	248	185	114,1

Z	Ø 40X40	Ø 60X60	Ø 65X65	Ø 90X90
10	-	2500-10S60M-DMS	2500-10S65M-DMS	-
12	2500-12S40M-DMS	2500-12S60M-DMS	2500-12S65M-DMS	2500-12S90M-DMS
13	-	2500-13S60M-DMS	2500-13S65M-DMS	2500-13S90M-DMS
14	-	2500-14S60M-DMS	2500-14S65M-DMS	2500-14S90M-DMS
15	-	2500-15S60M-DMS	2500-15S65M-DMS	2500-15S90M-DMS

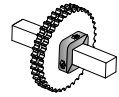
**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



**Features:**

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.

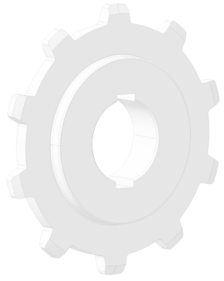


Set collars, go to:

**54630a**

MACHINED DRIVE SPROCKETS SQUARE BORE - ONE PIECE FLOATING			
Z	Ø 40X40	Ø 60X60	Ø 65X65
	ITEM DESCRIPTION		
10	2500-10S40M-DM	2500-10S60M-DM	2500-10S65M-DM

**Material:** polyamide (natural white).



Z	Ø P mm	Ø OD mm	Ø M mm	S mm
10	164,4	165	103	74,2
13	212,3	215	152	98,1
16	260,4	264	185	122,3



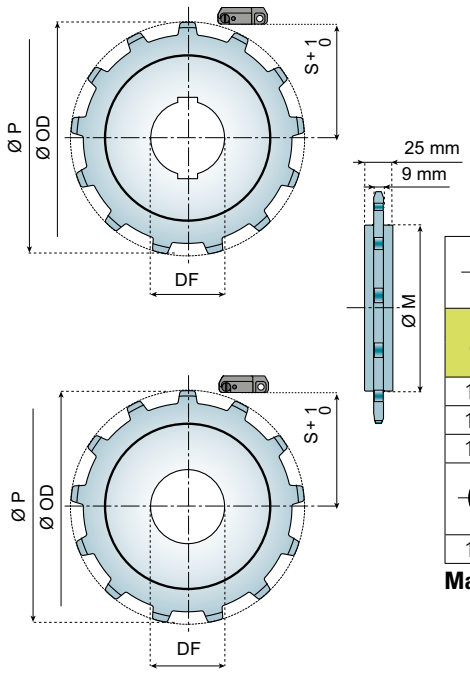
See also the sprockets and idler wheels:

**30615a**



See belts 2500:

**30610a**



MACHINED DRIVE SPROCKETS - ONE PIECE DOUBLE KEYWAY - FLOATING				
Z	Ø 40	Ø 50	Ø 65	Ø 90
	ITEM DESCRIPTION			
10	-	2500-10R50M-DPM-K2	2500-10R65M-DPM-K2	-
13	-	-	2500-13R65M-DPM-K2	2500-13R90M-DPM-K2
16	-	-	2500-16R65M-DPM-K2	2500-16R90M-DPM-K2
MACHINED RETURN SPROCKETS - ONE PIECE				
10	2500-10R40M-RM	-	-	-

**Material:** polyamide (natural white).

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30617a

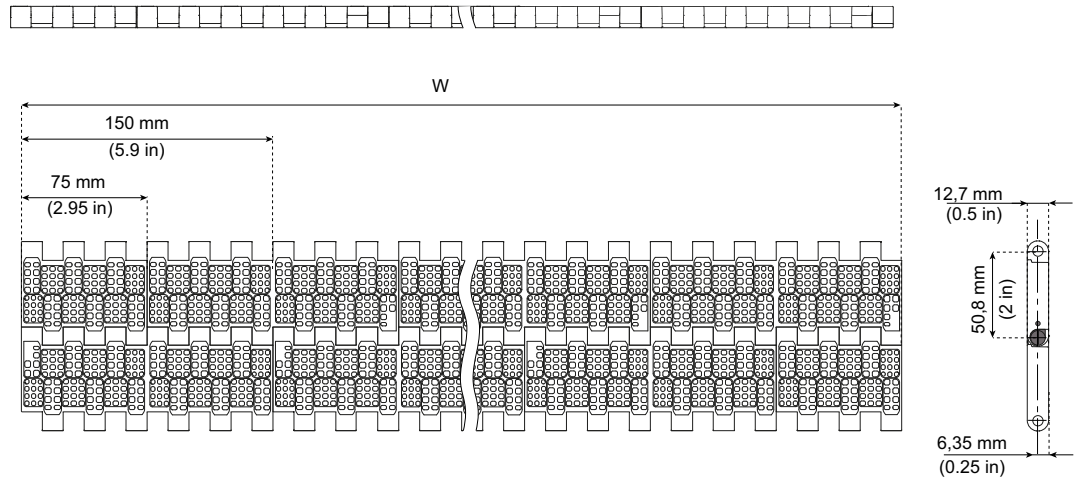
### 50,8 mm (2") MODULAR BELTS 2502 - THICKNESS: 12,7 mm (½ in)

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**DRAINING TOP - FILTERING BELT**



# New



**Backflex radius:** 10 mm (0.39 in)

**Max load capacity:** 3000 N/m (2207 lbs/ft.)

**Weight:** 4,9 Kg/m<sup>2</sup> (1 lbs/ft.<sup>2</sup>) for 525 mm width

**Pin material:** PP (brown)

**Standard length:**

width ≤ 750 mm (29.53 in): 20 pitches (1,02m)

width > 750 mm (29.53 in): 15 pitches (0,76m)

**Open surface: 37%**



Information about this product is only available on our Smart Guide® website.

**Standard material**

**PPW (WHITE)**

Polypropylene

materials details:



WIDTH W		ITEM DESCRIPTION
mm	in	
150	5,91	PPW2502DT-M0150
225	8,86	PPW2502DT-M0225
300	11,81	PPW2502DT-M0300
375	14,76	PPW2502DT-M0375
450	17,72	PPW2502DT-M0450
525	20,67	PPW2502DT-M0525
600	23,62	PPW2502DT-M0600
675	26,57	PPW2502DT-M0675
750	29,53	PPW2502DT-M0750
825	32,48	PPW2502DT-M0825
900	35,43	PPW2502DT-M0900
975	38,39	PPW2502DT-M0975
1050	41,34	PPW2502DT-M1050
1125	44,29	PPW2502DT-M1125
1200	47,24	PPW2502DT-M1200
1275	50,20	PPW2502DT-M1275
1350	53,15	PPW2502DT-M1350
1425	56,10	PPW2502DT-M1425
1500	59,06	PPW2502DT-M1500

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 6 1 8 a

## DRIVE SPROCKETS

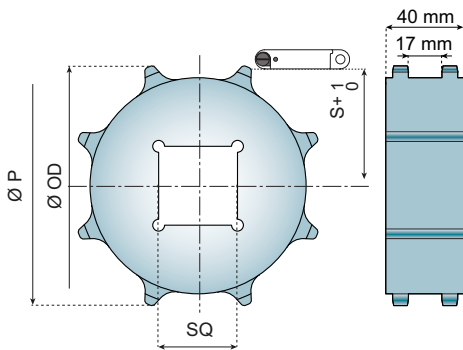
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FOR BELT 2502DT

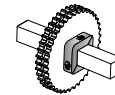


### Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MACHINED DRIVE SPROCKETS SQUARE BORE - ONE PIECE FLOATING			
Z	∅ 40X40	∅ 60X60	∅ 90X90
	ITEM DESCRIPTION		
8	2502-8S40M-DM	-	-
10	2502-10S40M-DM	2502-10S60M-DM	-
12	-	2502-12S60M-DM	2502-12S90M-DM



Set collars, go to:

5 4 6 3 0 a



See belts 2502DT:

3 0 6 1 7 a

**Material:** polyamide (natural white).

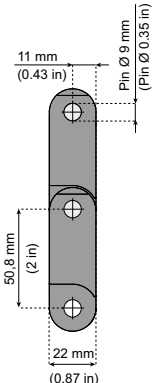
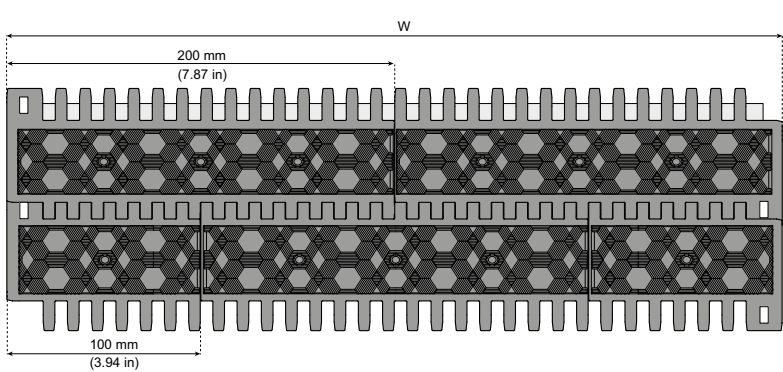
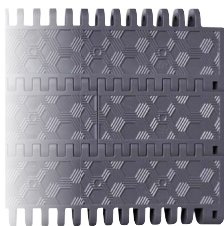
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30620a

### 50,8 mm (2") MODULAR BELTS 2508 - THICKNESS: 22 mm (0.87 in)

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FLAT TOP WITH ANTI-SLIP SURFACE



**PATENTED**

## 30640a

**VERSION STANDARD (LFG MATERIAL)**

Strength and weight data for other materials available on request.

**Backflex radius:** 55 mm (2.17 in)

**Max load capacity:** 80 kN/m (5440 lbs)

**Weight:** 22,5 kg/m<sup>2</sup> (4.59 lbs/ft<sup>2</sup>.)

**Standard length:**

width ≤ 800 mm (31.5 in): 20 pitches (1,02 m)

width > 800 mm (31.5 in): 15 pitches (0,76 m)

**Pin material:** PBT (white).

Steel pins optionally available.



Information about this product is only available on our Smart Guide® website.

**Standard material**

LFG (GREY)
Low friction acetal resin

materials details:

**73563a**

**Also available into**

PPLG (LIGHT GREY)
Polypropylene

POM-AS (BLACK)
Anti-static acetal

POM-EC (BLACK)
Electrically conductive acetal

PP-FR-EC (BLACK)
Flame retardant electrically conductive polypropylene

materials details:

**72336a**

WIDTH W		ITEM DESCRIPTION
mm	in	
300	11.81	LFG2508FTS-M0300
400	15.75	LFG2508FTS-M0400
500	19.69	LFG2508FTS-M0500
600	23.62	LFG2508FTS-M0600
700	27.56	LFG2508FTS-M0700
800	31.50	LFG2508FTS-M0800
900	35.43	LFG2508FTS-M0900
1000	39.37	LFG2508FTS-M1000
1100	43.31	LFG2508FTS-M1100
1200	47.24	LFG2508FTS-M1200
1300	51.18	LFG2508FTS-M1300
1400	55.12	LFG2508FTS-M1400
1500	59.06	LFG2508FTS-M1500
1600	62.99	LFG2508FTS-M1600
1700	66.93	LFG2508FTS-M1700
1800	70.87	LFG2508FTS-M1800
1900	74.80	LFG2508FTS-M1900
2000	78.74	LFG2508FTS-M2000
2100	82.68	LFG2508FTS-M2100
2200	86.61	LFG2508FTS-M2200
2300	90.55	LFG2508FTS-M2300
2400	94.49	LFG2508FTS-M2400
2500	98.43	LFG2508FTS-M2500
2600	102.36	LFG2508FTS-M2600
2700	106.30	LFG2508FTS-M2700
2800	110.24	LFG2508FTS-M2800
2900	114.17	LFG2508FTS-M2900
3000	118.11	LFG2508FTS-M3000
3100	122.05	LFG2508FTS-M3100
3200	125.98	LFG2508FTS-M3200
3300	129.92	LFG2508FTS-M3300
3400	133.86	LFG2508FTS-M3400
3500	137.80	LFG2508FTS-M3500
3600	141.73	LFG2508FTS-M3600
3700	145.67	LFG2508FTS-M3700
3800	149.61	LFG2508FTS-M3800
3900	153.54	LFG2508FTS-M3900
4000	157.48	LFG2508FTS-M4000
4100	161.42	LFG2508FTS-M4100
4200	165.35	LFG2508FTS-M4200
4300	169.29	LFG2508FTS-M4300
4400	173.23	LFG2508FTS-M4400
4500	177.17	LFG2508FTS-M4500
4600	181.10	LFG2508FTS-M4600
4700	185.04	LFG2508FTS-M4700
4800	188.98	LFG2508FTS-M4800
4900	192.91	LFG2508FTS-M4900
5000	196.85	LFG2508FTS-M5000

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30640a

## DRIVE SPROCKETS

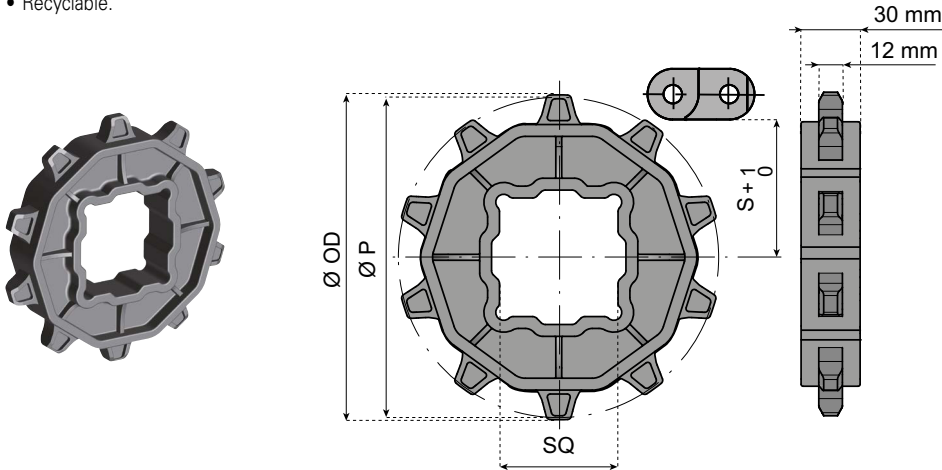
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

FOR BELT 2508

The sprockets for 2508 series have a polygonal shape to provide optimum belt support. This is important for belts that have a large pitch and work with very high loads.

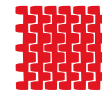
### Features:

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



MOLDED DRIVE SPROCKETS SQUARE BORE - ONE PIECE FLOATING		
Z	∅ 60X60	∅ 90X90
ITEM DESCRIPTION		
10	2508-10S60M-D	-
12	2508-12S60M-D	2508-12S90M-D
16	2508-16S60M-D	2508-16S90M-D

Z	∅ OD mm	∅ P mm	S mm
10	160,4	164,39	71,7
12	193,6	196,28	87,6
16	259,4	260,39	119,7

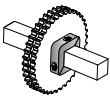


See belts 2508:

**30620a**

**Material:** reinforced polyamide (black).

On request we can also provide machined sprockets with a different number of teeth or a different bore size.



Set collars, go to:

**54630a**

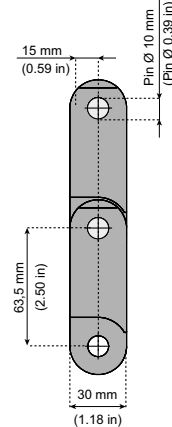
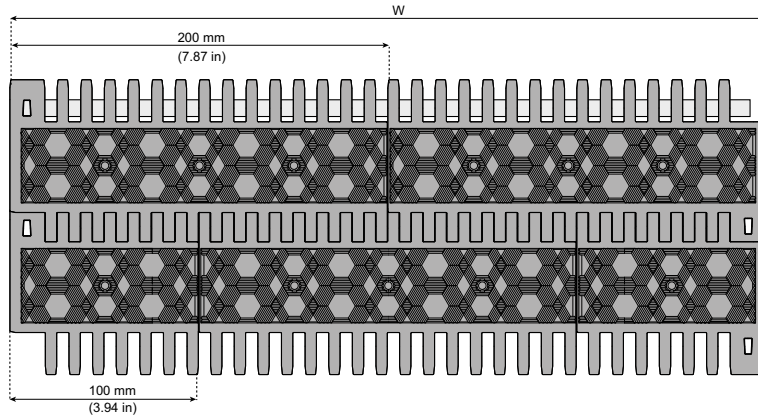
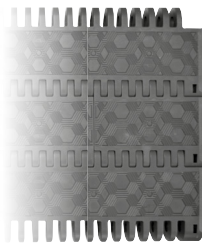
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30645a

### 63,5 mm (2 1/2") MODULAR BELTS 2630 - THICKNESS: 30 mm (1.18 in)

www.SystemPlastSmartGuide.com

FLAT TOP WITH ANTI-SLIP SURFACE



**PATENTED**

## 30650a

### VERSION STANDARD (LFG MATERIAL)

Strength and weight data for other materials available on request.

**Backflex radius:** 60 mm (2.36 in)

**Max load capacity:** 115 kN/m (7800 lbs)

**Weight:** 29,5 kg/m<sup>2</sup> (6.02 lbs/ft<sup>2</sup>.)

**Standard length:**

width ≤ 800 mm (31.5 in): 16 pitches (1,02 m)

width > 800 mm (31.5 in): 12 pitches (0,76 m)

**Pin material:** PBT (white).

Steel pins optionally available.



Information about this product is only available on our Smart Guide® website.

#### Standard material

##### LFG (GREY)

Low friction acetal resin

materials details:

**73563a**

#### Also available into

##### PPLG (COLOR LIGHT GREY)

Polypropylene

##### POM-AS (BLACK)

Anti-static acetal

##### POM-EC (BLACK)

Electrically conductive acetal

##### PP-FR-EC (BLACK)

Flame retardant electrically conductive polypropylene

materials details:

**72336a**

WIDTH W		ITEM DESCRIPTION
mm	in	
100	3.94	LFG2630FTS-M0100
300	11.81	LFG2630FTS-M0300
400	15.75	LFG2630FTS-M0400
500	19.69	LFG2630FTS-M0500
600	23.62	LFG2630FTS-M0600
700	27.56	LFG2630FTS-M0700
800	31.50	LFG2630FTS-M0800
900	35.43	LFG2630FTS-M0900
1000	39.37	LFG2630FTS-M1000
1100	43.31	LFG2630FTS-M1100
1200	47.24	LFG2630FTS-M1200
1300	51.18	LFG2630FTS-M1300
1400	55.12	LFG2630FTS-M1400
1500	59.06	LFG2630FTS-M1500
1600	62.99	LFG2630FTS-M1600
1700	66.93	LFG2630FTS-M1700
1800	70.87	LFG2630FTS-M1800
1900	74.80	LFG2630FTS-M1900
2000	78.74	LFG2630FTS-M2000
2100	82.68	LFG2630FTS-M2100
2200	86.61	LFG2630FTS-M2200
2300	90.55	LFG2630FTS-M2300
2400	94.49	LFG2630FTS-M2400
2500	98.43	LFG2630FTS-M2500
2600	102.36	LFG2630FTS-M2600
2700	106.30	LFG2630FTS-M2700
2800	110.24	LFG2630FTS-M2800
2900	114.17	LFG2630FTS-M2900
3000	118.11	LFG2630FTS-M3000
3100	122.05	LFG2630FTS-M3100
3200	125.98	LFG2630FTS-M3200
3300	129.92	LFG2630FTS-M3300
3400	133.86	LFG2630FTS-M3400
3500	137.80	LFG2630FTS-M3500
3600	141.73	LFG2630FTS-M3600
3700	145.67	LFG2630FTS-M3700
3800	149.61	LFG2630FTS-M3800
3900	153.54	LFG2630FTS-M3900
4000	157.48	LFG2630FTS-M4000
4100	161.42	LFG2630FTS-M4100
4200	165.35	LFG2630FTS-M4200
4300	169.29	LFG2630FTS-M4300
4400	173.23	LFG2630FTS-M4400
4500	177.17	LFG2630FTS-M4500
4600	181.10	LFG2630FTS-M4600
4700	185.04	LFG2630FTS-M4700
4800	188.98	LFG2630FTS-M4800
4900	192.91	LFG2630FTS-M4900
5000	196.85	LFG2630FTS-M5000

Other widths available on request.



Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



## 30650a

## DRIVE SPROCKETS

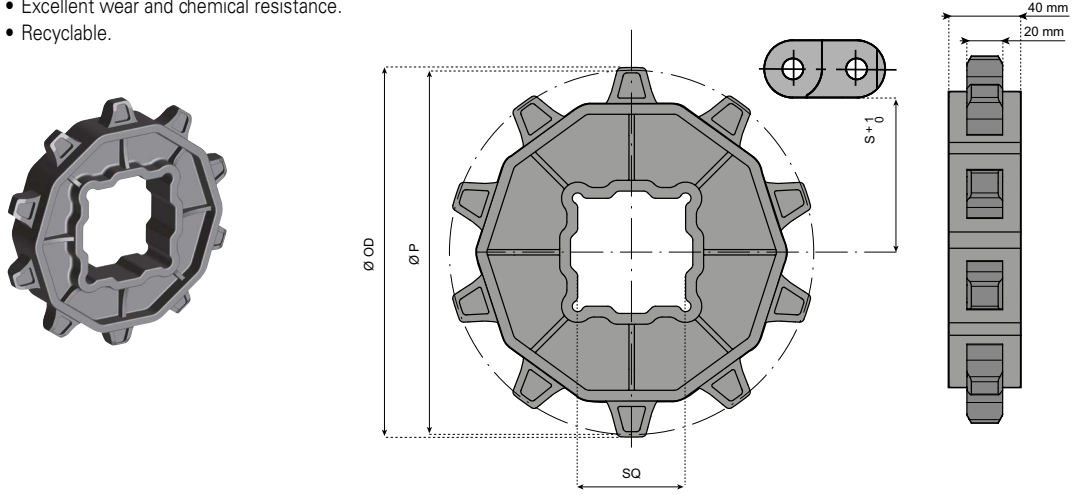
www.SystemPlastSmartGuide.com

FOR BELT 2630

The sprockets for 2630 series have a polygonal shape to provide optimum belt support. This is important for belts that have a large pitch and work with very high loads.

**Features:**

- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



On request we can also provide machined sprockets with a different number of teeth or a different bore size.

MOLDED DRIVE SPROCKETS SQUARE BORE - ONE PIECE FLOATING		
Z	Ø 60X60	Ø 90X90
ITEM DESCRIPTION		
10	2630-10S60M-D	-
13	2630-13S60M-D	2630-13S90M-D
15	2630-15S60M-D	2630-15S90M-D

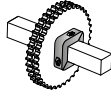
Z	Ø OD mm	Ø P mm	S mm
10	203,4	205,49	88,2
13	265,3	265,34	118,2
15	306,7	305,42	138,2

**Material:** reinforced polyamide (black).



See belts 2630:

30645a



Set collars, go to:

54630a

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

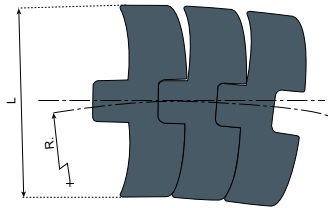
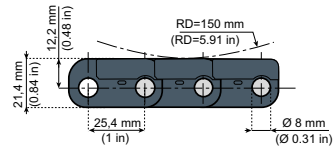
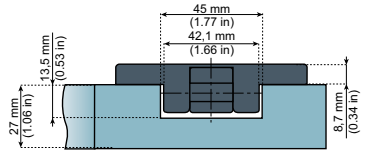
**30700a**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

## 25,4 mm (1") CHAINBELT FOR MAGNETIC CURVES



### 2260 M FT

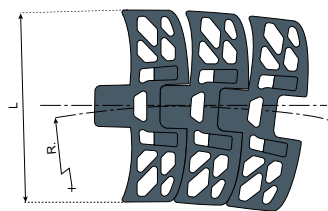
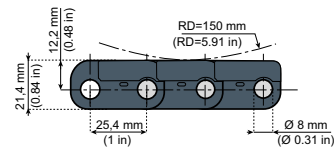
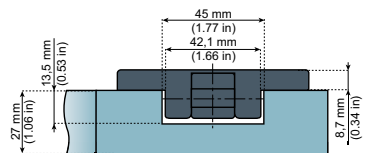
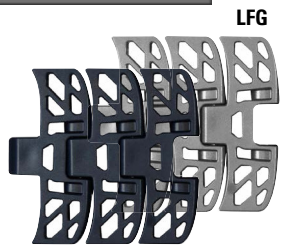


**Applications:**  
The chainbelt magnetic system with closed top plates is best suited for conveying glass and pet containers (for example PET bottles with petaloid base).

**NG® evo conveyor components made from engineered plastic resin**  
Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

**2260M FT - 2260M FG**  
page code:  
**50091a**

### 2260 M FG

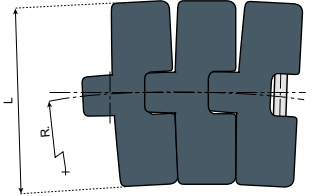
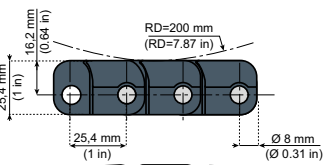
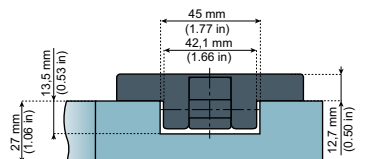


**New**

**Applications:**  
Flush grid chainbelt for magnetic system with 20% open area is ideal for can conveying applications.

**2251M FT**  
page code:  
**50101a**

### 2251 M FT



**"NOLU-S" CURVES ARE STRONGLY RECOMMENDED WITH THESE CHAINS!**

**Pin Material:** Martensitic Stainless Steel

ITEM DESCRIPTION	MATERIAL	WIDTH L		R MIN.	WEIGHT	
		mm	in		Kg/m	lbs/ft.
LFG2260FT-M-K330	LFG Grey	83,8	3.3	500	1,7	1.14
NGE2260FT-M-K330	NGE Grey Blue	83,8	3.3	500	1,7	1.14
<b>New</b> LFG2260FG-M-K330	LFG Grey	83,8	3.3	500	1,6	1.07
<b>New</b> NGE2260FG-M-K330	NGE Grey Blue	83,8	3.3	500	1,6	1.07
LFG2251FT-M-K330	LFG Grey	83,8	3.3	500	1,9	1.27
NGE2251FT-M-K330	NGE Grey Blue	83,8	3.3	500	1,9	1.27
LFG2251FT-M-K450	LFG Grey	114,3	4.5	500	2,2	1.48
NGE2251FT-M-K450	NGE Grey Blue	114,3	4.5	500	2,2	1.48

**Standard length:** 120 pitches (3,05 m - 10 ft.) **Max load capacity:** (LFG-FT): 2000N (450lbs) - (LFG-FG): 1900N (425lbs)

Information about this product is only available on our Smart Guide® website.

**Standard materials**  
**NGE (GREY BLUE)**  
New Generation®

**LFG (GREY)**  
Low friction acetal resin

materials details:  
**73563a**

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30710a

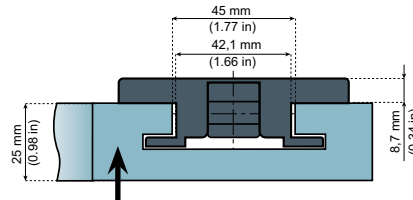
## 25,4 mm (1") CHAINBELT

### VERSIONS WITH TABS

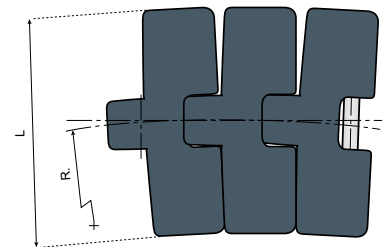
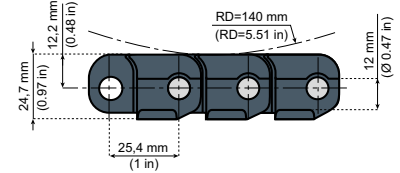
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### 2250 TAB FT



STANDARD TRACKS FOR TAB SYSTEM



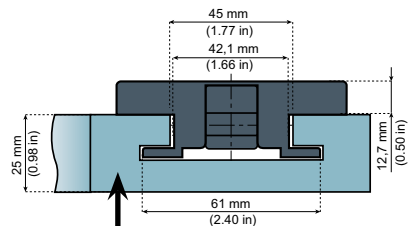
#### Applications:

The chainbelt magnetic system with closed top plates is best suited for conveying glass and PET containers (for example PET bottles with petaloid base).

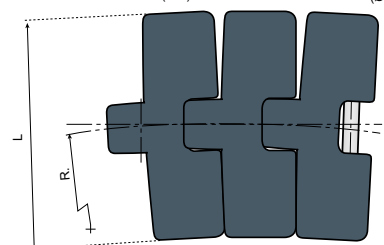
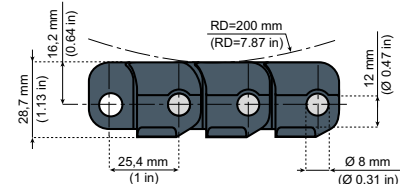
**Pin material:** Austenic Steel

**"NOLU-S" CURVES ARE STRONGLY RECOMMENDED WITH THESE CHAINS!**

### 2251 TAB FT



STANDARD TRACKS FOR TAB SYSTEM



#### NG® evo conveyor components made from engineered plastic resin

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....

### 30715a

#### Applications:

The chainbelt with closed top plates is best suited for conveying glass and PET containers (for example PET bottles with petaloid base).

**Pin Material:** Martensitic Stainless Steel

2250FT TAB-2251FT TAB  
page code:  
**50110a**



Information about this product is only available on our Smart Guide® website.

#### Standard materials

**NGE (GREY BLUE)**

New Generation®

**LFG (GREY)**

Low friction acetal resin

materials details:

**73563a**

ITEM DESCRIPTION	MATERIAL	WIDTH L		R MIN.	WEIGHT	
		mm	in		Kg/m	lbs/ft.
LFG2250FT-TAB-K330	LFG Grey	83,8	3.3	500	1,75	1.17
NGE2250FT-TAB-K330	NGE Grey Blue	83,8	3.3	500	1,75	1.17
LFG2250FT-TAB-K450	LFG Grey	114,3	4.5	500	2,04	1.37
NGE2250FT-TAB-K450	NGE Grey Blue	114,3	4.5	500	2,04	1.37
LFG2251FT-TAB-K330	LFG Grey	83,8	3.3	500	1,75	1.17
NGE2251FT-TAB-K330	NGE Grey Blue	83,8	3.3	500	1,75	1.17
LFG2251FT-TAB-K450	LFG Grey	114,3	4.5	500	2,19	1.47
NGE2251FT-TAB-K450	NGE Grey Blue	114,3	4.5	500	2,19	1.47

**Standard length:** 120 pitches (3,05 m - 10 ft.)

**Max load capacity:** (LFG-FT): 2000N (450lbs) - (LFG-FG): 1900N (425lbs)

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	



## 3 0 7 1 5 a

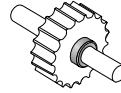
### DRIVE AND RETURN SPROCKETS

FOR CHAINBELTS 1" PITCH (25,4 mm)  
2250 TAB FT - 2251 M FT - 2251 TAB FT - 2260 M FT - 2260 M FG

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

#### Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.



Set collars, go to:

**5 4 6 3 0 a**



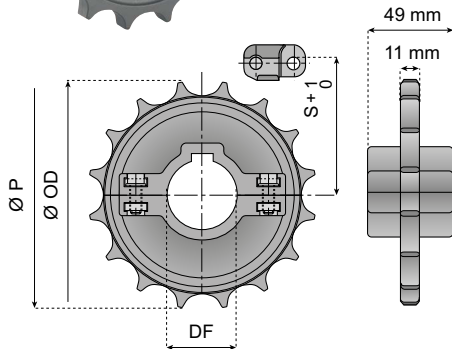
Information about this product is only available on our Smart Guide® website.



See also the sprockets and idler wheels:

**3 0 7 1 5 b**

Z	Ø OD mm	Ø P mm	Ø M mm	S mm
16	130,9	130,2	90	67,8
18	146,8	146,3	110	75,7
19	156,3	154,3	110	80,5



#### MOLDED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 30	Ø 35	Ø 40	Ø 45
<b>ITEM DESCRIPTION</b>				
16	2260-16R30M-DS	2260-16R35M-DS	2260-16R40M-DS	2260-16R45M-DS
18	2260-18R30M-DS	2260-18R35M-DS	2260-18R40M-DS	2260-18R45M-DS
19	2260-19R30M-DS	2260-19R35M-DS	2260-19R40M-DS	2260-19R45M-DS

Z	Ø 30	Ø 35	Ø 40	Ø 45
<b>ITEM DESCRIPTION</b>				
16	2260-16R30M-RS	2260-16R35M-RS	2260-16R40M-RS	2260-16R45M-RS
18	2260-18R30M-RS	2260-18R35M-RS	2260-18R40M-RS	2260-18R45M-RS
19	2260-19R30M-RS	2260-19R35M-RS	2260-19R40M-RS	2260-19R45M-RS

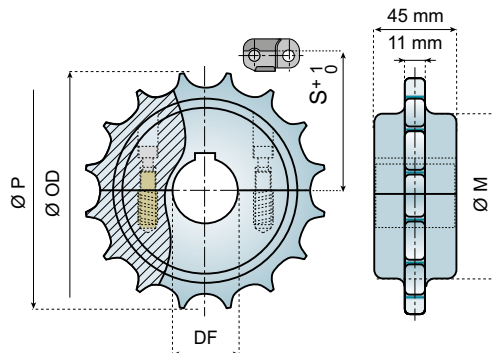
**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.

#### New design

**3 0 9 9 0 a**

#### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



See belts with 8,7mm thickness:

**3 0 3 0 0 a**

See belts with 12,7mm thickness:

**3 0 4 1 0 a**



#### MACHINED DRIVE SPROCKETS - SPLIT FIXED

Z	Ø 23*	Ø 25	Ø 30	Ø 35	Ø 40	Ø 45
<b>ITEM DESCRIPTION</b>						
16	-	2260-16R25M-DMS	2260-16R30M-DMS	2260-16R35M-DMS	2260-16R40M-DMS	2260-16R45M-DMS
18	-	2260-18R25M-DMS	2260-18R30M-DMS	2260-18R35M-DMS	2260-18R40M-DMS	2260-18R45M-DMS
19	-	2260-19R25M-DMS	2260-19R30M-DMS	2260-19R35M-DMS	2260-19R40M-DMS	2260-19R45M-DMS



#### MACHINED RETURN SPROCKETS - SPLIT

16	2260-16R23M-RMS	2260-16R25M-RMS	2260-16R30M-RMS	2260-16R35M-RMS	2260-16R40M-RMS	2260-16R45M-RMS
18	2260-18R23M-RMS	2260-18R25M-RMS	2260-18R30M-RMS	2260-18R35M-RMS	2260-18R40M-RMS	2260-18R45M-RMS
19	2260-19R23M-RMS	2260-19R25M-RMS	2260-19R30M-RMS	2260-19R35M-RMS	2260-19R40M-RMS	2260-19R45M-RMS

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass. \*Plain bore

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 3 0 7 1 5 b

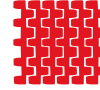
## DRIVE SPROCKETS

www.SystemPlastSmartGuide.com

FOR CHAINBELTS 1" PITCH (25,4 mm)  
2250 TAB FT - 2251 M FT - 2251 TAB FT - 2260 M FT - 2260 M FG

### Features:

- Split versions: quick and easy replacement.
- Foolproof design.
- Excellent wear and chemical resistance.
- Recyclable.

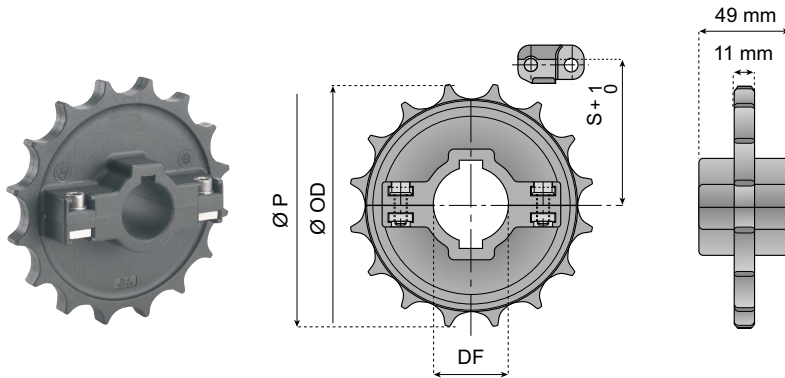


See belts with 8,7mm thickness:

**3 0 3 0 0 a**

See belts with 12,7mm thickness:

**3 0 4 1 0 a**



See also the sprockets and idler wheels:

**3 0 7 1 5 a**

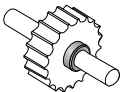
Z	Ø OD mm	Ø P mm	S mm
16	130,9	128,9	67,8
18	146,8	144,8	75,7
19	156,3	154,3	80,5



### MOLDED DRIVE SPROCKETS - SPLIT DOUBLE KEYWAY - FLOATING

Z	Ø 30	Ø 35	Ø 40	Ø 45
	ITEM DESCRIPTION			
16	2260-16R30M-DPS-K2	2260-16R35M-DPS-K2	2260-16R40M-DPS-K2	2260-16R45M-DPS-K2
18	2260-18R30M-DPS-K2	2260-18R35M-DPS-K2	2260-18R40M-DPS-K2	2260-18R45M-DPS-K2
19	2260-19R30M-DPS-K2	2260-19R35M-DPS-K2	2260-19R40M-DPS-K2	2260-19R45M-DPS-K2

**Material:** reinforced polyamide (black), screws in stainless steel, nuts in nickel plated brass.



Set collars, go to:

**5 4 6 3 0 a**

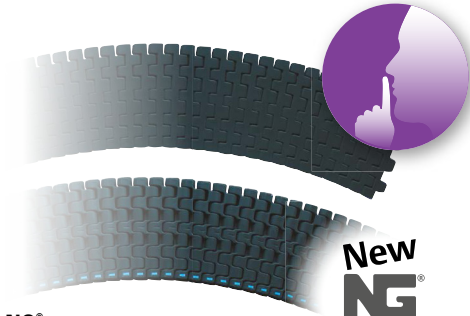
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 7 2 0 a**

## 12,7 mm (1/2") MODULAR BELTS 2120M

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**SIDEFLEXING BELT FOR MAGNETIC CURVES**



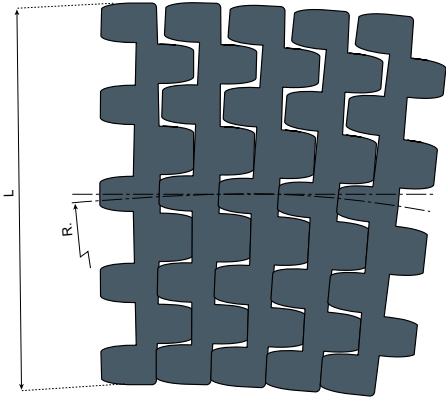
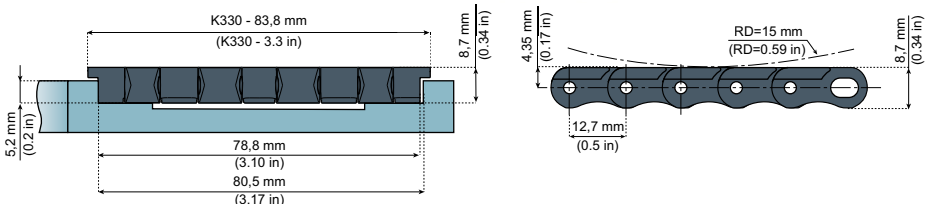
**Reduce noise level by 12 dB**

**New**

**New NG evo**

**NG evo conveyor components made from engineered plastic resin**

- Longer wearlife than acetal
- Lower friction than acetal
- Good chemical resistance
- High abrasion resistance
- It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact
- Less dust than with acetal chains
- More.....



**Features:**

This system offers a unique solution for sideflexing applications in plants with modular conveyors.

**Applications:**

- To be used in the dry end of the line where bottles or cans run in lanes separated by guides.
- The short pitch makes in-line transfers possible.

**Weight:** 13,7 kg/m<sup>2</sup> (2.8 lbs/ft<sup>2</sup>.)

**Pin material:** Ferritic Stainless Steel

ITEM DESCRIPTION	MATERIAL	WIDTH L		R MIN.	MAX LOAD CAPACITY		WEIGHT	
		mm	in		N	lbs	Kg/m	lbs/ft.
NGE2120M-SFF-K330	NGE Grey Blue	83,8	3.30	500	1900	420	1,1	0.74

**Standard length:** 240 pitches (3,05 m - 10 ft. )



Information about this product is only available on our Smart Guide® website.

**Standard material**

**NGE (GREY BLUE)**

New Generation®

materials details:

**7 3 5 6 3 a**

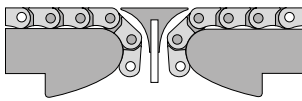
Other versions for 12,7 mm (1/2") belts:

<b>FT</b> Flat top	<b>FG</b> Flush grid	<b>RF</b> Roller Flow
<b>LBP</b> (Low pressure)	<b>GB</b> (Guide bar)	<b>VG</b> Rubber insert

**3 0 1 6 0 a**

Can be used with a Nose bar to create extremely short transfers.

page code: **5 0 0 8 0 a**



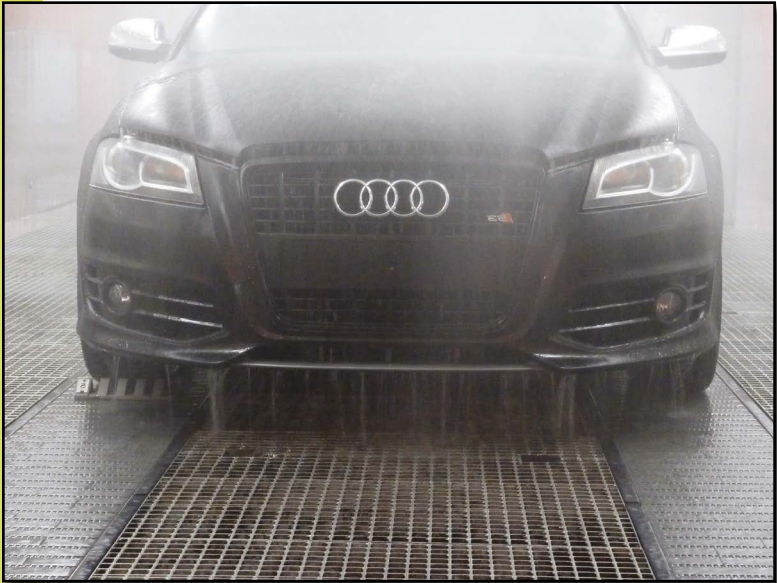
page code: **3 0 1 7 5 a**

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 7 2 0 z**

**APPLICATION EXAMPLES**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**HEAVY DUTY BELTS IN CAR MANUFACTURING.**

Go to:

**3 0 6 2 0 a**

Go to:

**3 0 6 4 5 a**



**Picture by courtesy of Audi AG Ingolstadt - Germany**

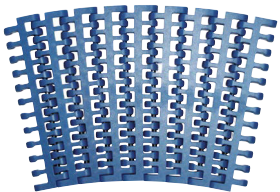
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 7 2 8 a**

**INDEX SIDEFLEXING MODULAR BELTS**

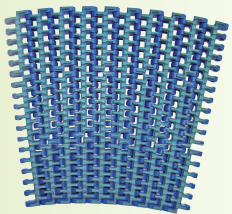
[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

**SIDEFLEXING BELT 2256 - PITCH: 25,4 mm (1")**



**3 0 7 3 0 a**

**SIDEFLEXING BELT 2256 - PITCH: 25,4 mm (1") VERSION WITH RUBBER INSERTS**



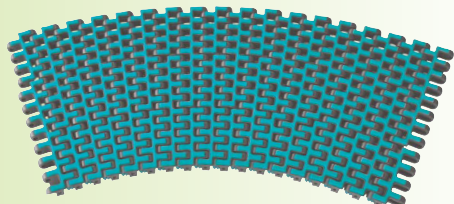
**3 0 7 3 5 a**

**SIDEFLEXING BELT 2351/2451/2551/2651 - PITCH: 31,75 mm (1.¼")**



CURVE RATIO	STANDARD	HEAVY DUTY
1,6	<b>3 0 7 4 5 a</b>	<b>3 0 7 5 0 a</b>
1,0		

**SIDEFLEXING BELT 2351 - PITCH:31,75 (1.¼") VERSION WITH RUBBER INSERTS**



**3 0 7 5 5 a**



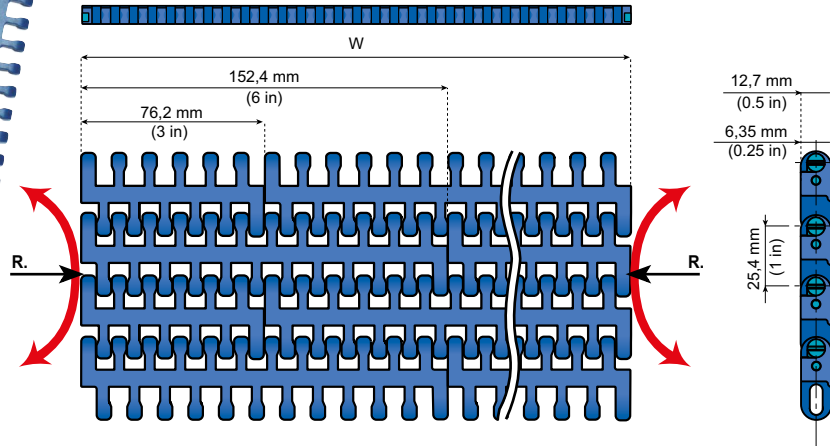
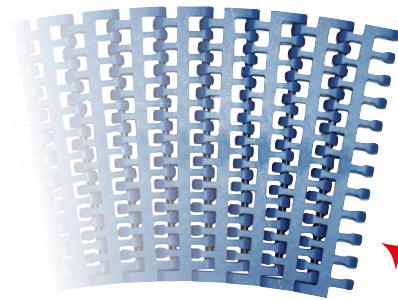
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30730a

## 25,4 mm (1") MODULAR BELTS 2256

www.SystemPlastSmartGuide.com

SIDEFLEXING



**Pin material:** PBT (white)  
**Open surface:** 29% (straight)  
**Standard length:**  
width ≤ 24 in: 3,05 m (10 ft.)  
width > 24 in: 1,52 m (5 ft.)

**30740a**

**NG® evo** conveyor components made from engineered plastic resin

Longer wearlife than acetal  
Lower friction than acetal  
Good chemical resistance  
High abrasion resistance  
It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
Less dust than with acetal chains  
More.....

WIDTH W		SIDE FLEX R. MIN.	MAX LOAD CAPACITY				BACK FLEX RADIUS		WEIGHT	
mm	in		STRAIGHT		CURVE		mm	in	Kg/m²	lbs/ft.
			N/m	lbs/ft.	N	lbs				
76	3	145	30000	2000	2000	450	25	0.98	7,75	1.58
152	6	290								
229	9	435								
305	12	580								
381	15	725								
457	18	890								
533	21	1040								
610	24	1250								

Standard materials

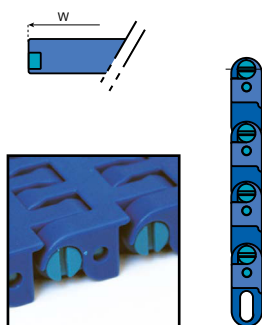
LFB (BLUE)	NGE (GREY BLUE)
Low friction acetal resin	New Generation®

This belt is bi-directional and can make both left and right turns.  
Even S-curves are possible if the load allows for that.  
The belt is available with several clips and guiding systems.

materials details:

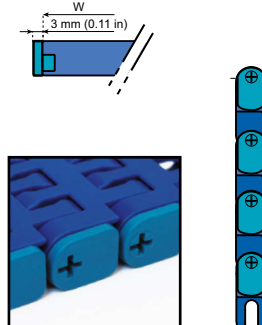
**73563a**

**Without TAB "C" version**



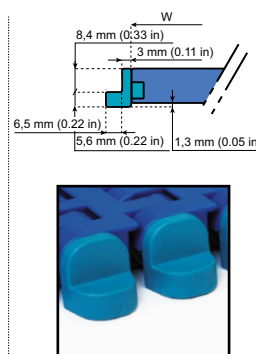
Just a clip for pin retention.

**With slider shoe "S" version**



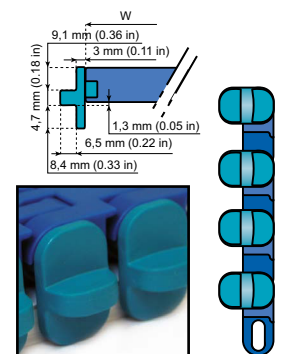
Attached to the pin retention clip is a slider shoe that can reduce friction and act as a wear part.

**With TAB "T" version**



Attached to the pin retention clip is a TAB that holds the belt down in the curves.

**With TAB & positioner "TP" version**



Attached to the pin retention clip is a TAB-Positioner combination that holds the belt down in the curves but also guides the belt on straight sections.

WIDTH W	
mm	in
76	3
152	6
229	9
305	12
381	15
457	18
533	21
610	24

WIDTH W	ITEM DESCRIPTION
mm	in
76	LFB2256C-K300
152	LFB2256C-K600
229	LFB2256C-K900
305	LFB2256C-K1200
381	LFB2256C-K1500
457	LFB2256C-K1800
533	LFB2256C-K2100
610	LFB2256C-K2400

WIDTH W	ITEM DESCRIPTION
mm	in
76	LFB2256S-K300
152	LFB2256S-K600
229	LFB2256S-K900
305	LFB2256S-K1200
381	LFB2256S-K1500
457	LFB2256S-K1800
533	LFB2256S-K2100
610	LFB2256S-K2400

WIDTH W	ITEM DESCRIPTION
mm	in
76	LFB2256TAB-K300
152	LFB2256TAB-K600
229	LFB2256TAB-K900
305	LFB2256TAB-K1200
381	LFB2256TAB-K1500
457	LFB2256TAB-K1800
533	LFB2256TAB-K2100
610	LFB2256TAB-K2400

WIDTH W	ITEM DESCRIPTION
mm	in
76	LFB2256TP-K300
152	LFB2256TP-K600
229	LFB2256TP-K900
305	LFB2256TP-K1200
381	LFB2256TP-K1500
457	LFB2256TP-K1800
533	LFB2256TP-K2100
610	LFB2256TP-K2400

Other widths available on request.

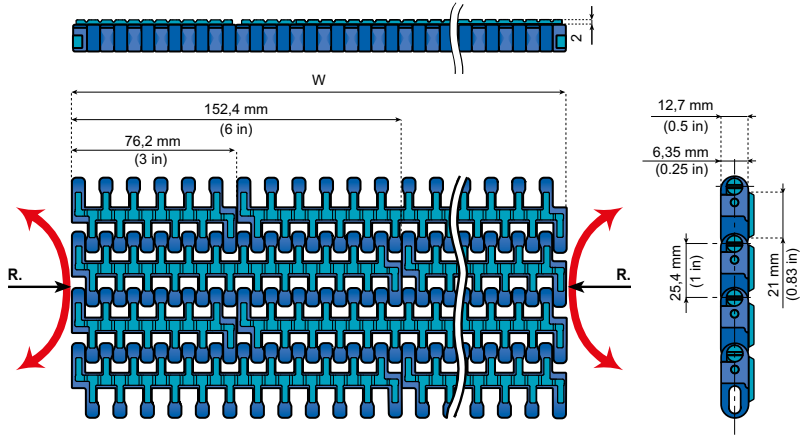
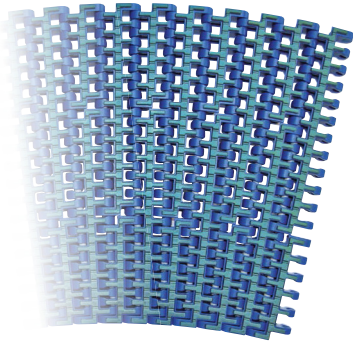
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30735a

## 25,4 mm (1") MODULAR BELTS 2256 - RUBBER INSERT

www.SystemPlastSmartGuide.com

**SIDEFLEXING**



**NG® evo** conveyor components made from engineered plastic resin  
 Longer wearlife than acetal  
 Lower friction than acetal  
 Good chemical resistance  
 High abrasion resistance  
 It meets the requirement for materials as stated by EC1935/2004 and FDA CFR21 norms for direct food contact  
 Less dust than with acetal chains  
 More.....

**30740a**

**Belt material:** low friction acetal resin, dark blue colour  
**Rubber material:** thermoplastic rubber, waterblue colour  
**Pin material:** PBT (white); **open surface:** 29% (straight)  
**Standard length:** width ≤ 24 in: 3,05 m (10 ft.) / width > 24 in: 1,52 (5 ft.)

WIDTH W		SIDE FLEX RADIUS MIN.	MAX LOAD CAPACITY		BACK FLEX RADIUS	WEIGHT
mm	in		STRAIGHT	CURVE		
76	3	145	30000 N/m (2000 lbs/ft.)	2000 N (450 lbs)	25 mm (0.98 in)	7,75 Kg/m <sup>2</sup> (1.58 lbs/ft. <sup>2</sup> )
152	6	290				
229	9	435				
305	12	580				
381	15	725				
457	18	890				
533	21	1040				
610	24	1250				

Standard materials

**LFB (BLUE)**  
 Low friction acetal resin

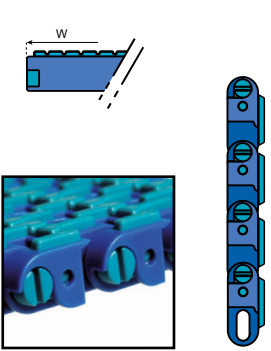
**TPR (WATER BLUE)**  
 Thermoplastic rubber

materials details:  
**73563a**

materials details:  
**73570a**

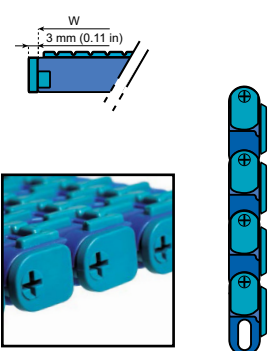
This belt is bi-directional and can make both left and right turns. Even S-curves are possible if the load allows for that. The belt is available with several clips and guiding systems.

**Without TAB "C" version**



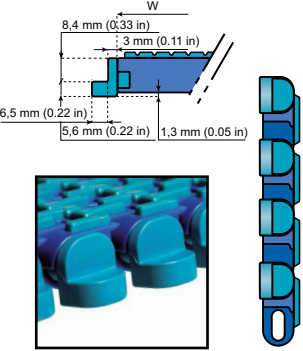
Just a clip for pin retention.

**With slider shoe "S" version**



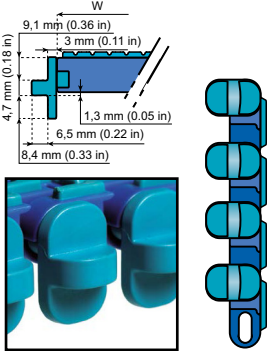
Attached to the pin retention clip is a slider shoe that can reduce friction and act as a wear part.

**With TAB "T" version**



Attached to the pin retention clip is a TAB that holds the belt down in the curves.

**With TAB & Positioner "TP" version**



Attached to the pin retention clip is a TAB-Positioner combination that holds the belt down in the curves but also guides the belt on straight sections.

WIDTH W	
mm	in
76	3
152	6
229	9
305	12
381	15
457	18
533	21
610	24

ITEM DESCRIPTION
LFB2256C-K300VG
LFB2256C-K600VG
LFB2256C-K900VG
LFB2256C-K1200VG
LFB2256C-K1500VG
LFB2256C-K1800VG
LFB2256C-K2100VG
LFB2256C-K2400VG

ITEM DESCRIPTION
LFB2256S-K300VG
LFB2256S-K600VG
LFB2256S-K900VG
LFB2256S-K1200VG
LFB2256S-K1500VG
LFB2256S-K1800VG
LFB2256S-K2100VG
LFB2256S-K2400VG

ITEM DESCRIPTION
LFB2256TAB-K300VG
LFB2256TAB-K600VG
LFB2256TAB-K900VG
LFB2256TAB-K1200VG
LFB2256TAB-K1500VG
LFB2256TAB-K1800VG
LFB2256TAB-K2100VG
LFB2256TAB-K2400VG

ITEM DESCRIPTION
LFB2256TP-K300VG
LFB2256TP-K600VG
LFB2256TP-K900VG
LFB2256TP-K1200VG
LFB2256TP-K1500VG
LFB2256TP-K1800VG
LFB2256TP-K2100VG
LFB2256TP-K2400VG

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30740a

## DRIVE AND RETURN SPROCKETS

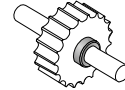
www.SystemPlastSmartGuide.com

FOR BELT 2256 (VG)

**New design**  
30990a

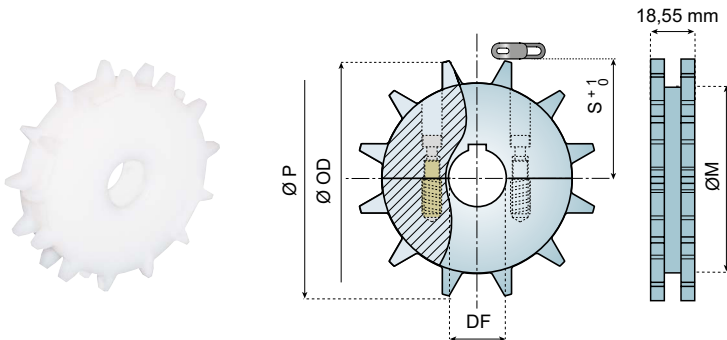
### Features:

- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Set collars, go to:

**54630a**



Z	Ø P mm	Ø OD mm	Ø M mm	S mm
10	82,2	83,3	65,3	33
12	98,1	100	82	41
15	122,2	124,3	106,3	53
18	146,3	147,8	129	65

<b>MACHINED DRIVE SPROCKETS - SPLIT FIXED</b>			
Z	Ø 25	Ø 30	Ø 40
ITEM DESCRIPTION			
10	2256-10R25M-DMS	2256-10R30M-DMS	-
12	2256-12R25M-DMS	2256-12R30M-DMS	2256-12R40M-DMS
15	2256-15R25M-DMS	2256-15R30M-DMS	2256-15R40M-DMS
18	2256-18R25M-DMS	2256-18R30M-DMS	2256-18R40M-DMS
<b>MACHINED RETURN SPROCKETS - SPLIT</b>			
10	2256-10R25M-RMS	2256-10R30M-RMS	-
12	2256-12R25M-RMS	2256-12R30M-RMS	2256-12R40M-RMS
15	2256-15R25M-RMS	2256-15R30M-RMS	2256-15R40M-RMS
18	2256-18R25M-RMS	2256-18R30M-RMS	2256-18R40M-RMS
<b>MACHINED DRIVE SPROCKETS SQUARE BORE - SPLIT FLOATING</b>			
Z	∅ 25X25	∅ 30X30	∅ 40X40
10	-	2256-10S30M-DMS	-
12	2256-12S25M-DMS	2256-12S30M-DMS	-
15	-	2256-15S30M-DMS	2256-15S40M-DMS
18	2256-18S25M-DMS	-	2256-18S40M-DMS



See belts 2256:

**30730a**

See belts 2256 VG:

**30735a**

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 7 4 0 z**

**APPLICATION EXAMPLES**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**SPEEDRAIL™ ROLLER GUIDES FOR SHRINK WRAPPED PRODUCTS.**

Go to:  
**5 2 5 1 0 a**



**LUGGAGE HANDLING BELT WITH MODULAR BELTS WITH RUBBER INSERTS.**

Go to:  
**3 0 4 9 0 a**



**ROLLER TRANSFER MODULES.**

Go to:  
**5 2 6 7 0 a**

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30745a

### 31,75 mm (1 1/4") MODULAR BELTS 2351 & 2551

www.SystemPlastSmartGuide.com

**SIDEFLEXING**



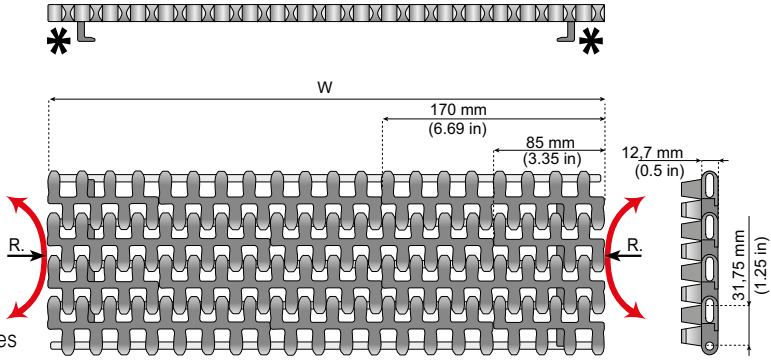
**Features for 2351:**

- Radius – width ratio min. 1,6
- Can also be used in S-curves

**Weight:** 9.0 kg/m<sup>2</sup> (1.84 lbs/f<sup>2</sup>.)



**Type 2351 - Curve ratio 1,6**



**Features for 2551:**

- Radius – width ratio min. 1,0 for tight curves

**Weight:** 8.2 kg/m<sup>2</sup> (1.67 lbs/f<sup>2</sup>.)

**Features for both:**

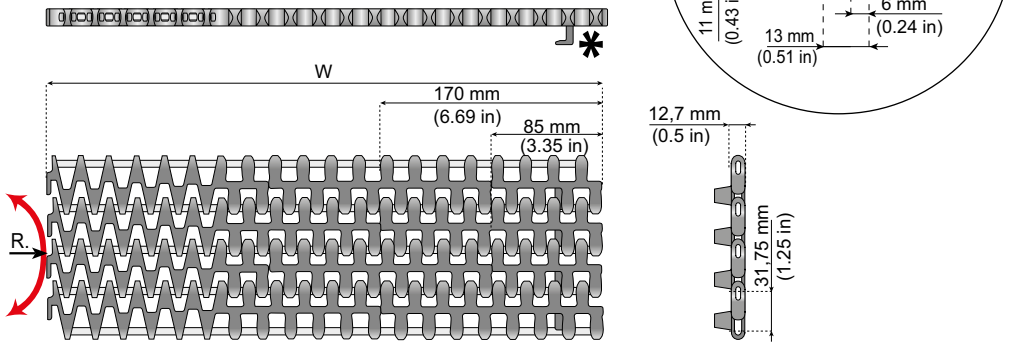
- Optimum product support
- Strong design
- For left or right L- or U-turns
- Easy installation and maintenance

**Pin Material:** PBT white

**Standard length:**

- width ≤ 850 mm (33.46 in): 1,52 m (5 ft.)
- width > 850 mm (33.46 in): on request

**Type 2551 - Curve ratio 1,0**



Information about this product is only available on our Smart Guide® website.

**Standard material**

LFG (GREY)
Low friction acetal resin

materials details:

**73563a**

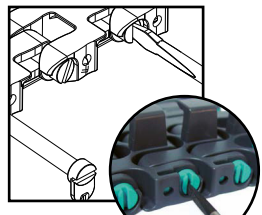
**Also available into**

LFW (COLOR WHITE)
Low friction acetal resin

materials details:

**73563a**

**30760a**

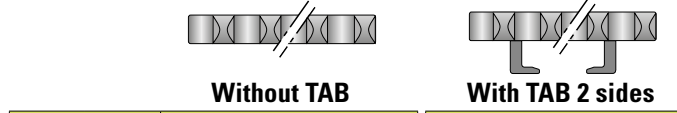


**PATENTED**

2351			2551			MAX LOAD CAPACITY		BACK FLEX RADIUS
WIDTH W	SIDE FLEX	R. MIN.	WIDTH W	SIDE FLEX	R. MIN.	STRAIGHT	CURVE	
mm	in		mm	in		mm	in	
255	10.04	408	-	-	-	30000 N/m (2000 lbs/ft.)	2500 N (560 lbs)	25 mm (0.98 in)
340	13.39	545	340	13.39	340			
425	16.73	680	425	16.73	425			
510	20.08	840	510	20.08	510			
595	23.43	980	595	23.43	595			
680	26.77	1150	680	26.77	680			
765	30.12	1300	765	30.12	850			
850	33.46	1450	850	33.46	1050			

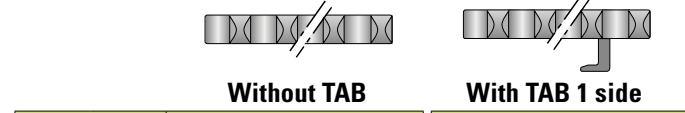
Side flex radius values are valid for curves up to 180 degrees. For larger angles or for spirals, please consult our Application Engineering.

**2351**



WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
255	10.04	LFG2351-M0255	LFG2351TAB-M0255
340	13.39	LFG2351-M0340	LFG2351TAB-M0340
425	16.73	LFG2351-M0425	LFG2351TAB-M0425
510	20.08	LFG2351-M0510	LFG2351TAB-M0510
595	23.43	LFG2351-M0595	LFG2351TAB-M0595
680	26.77	LFG2351-M0680	LFG2351TAB-M0680
765	30.12	LFG2351-M0765	LFG2351TAB-M0765
850	33.46	LFG2351-M0850	LFG2351TAB-M0850

**2551**



WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
-	-	-	-
340	13.39	LFG2551-M0340	LFG2551TAB-M0340
425	16.73	LFG2551-M0425	LFG2551TAB-M0425
510	20.08	LFG2551-M0510	LFG2551TAB-M0510
595	23.43	LFG2551-M0595	LFG2551TAB-M0595
680	26.77	LFG2551-M0680	LFG2551TAB-M0680
765	30.12	LFG2551-M0765	LFG2551TAB-M0765
850	33.46	LFG2551-M0850	LFG2551TAB-M0850

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30750a

### 31,75 mm (1 1/4") MODULAR BELTS 2451 & 2651

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SIDEFLEXING HEAVY DUTY

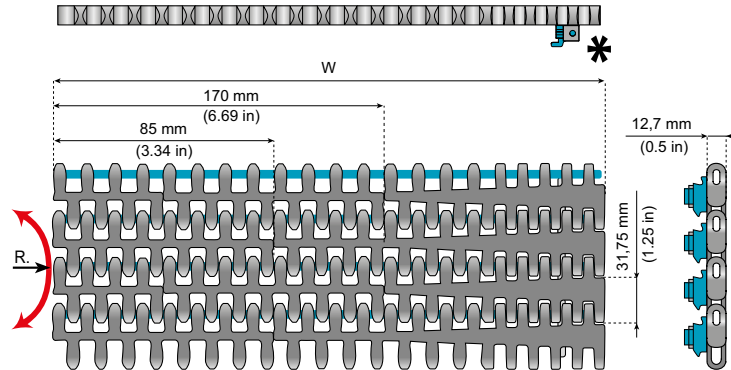


#### Features for 2451:

- Radius – width ratio min. 1,6
- Weight:** 9,7 kg/m<sup>2</sup> (1.98 lbs/ft<sup>2</sup>.)



#### TYPE 2451 - Curve ratio 1,6



#### Features for 2651:

- Radius – width ratio min. 1.0 for tight curves
- Weight:** 8,8 kg/m<sup>2</sup> (1.8 lbs/ft<sup>2</sup>.)

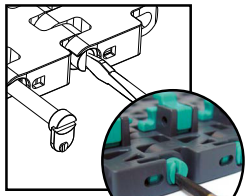
#### Features for both:

- Heavy-duty extra strong design
- For left or right L- or U-turns
- Optimum combination of materials
- Optimum product support
- Easy installation and maintenance

**Pin Material:** PBT white

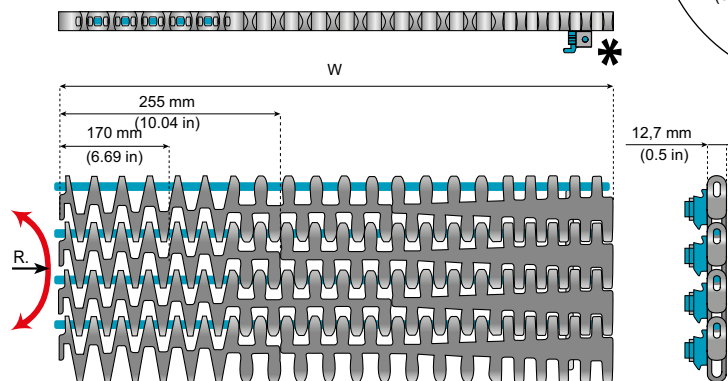
#### Standard length:

- width ≤ 850 mm (33.46 in): 1,52 m (5 ft.)
- width > 850 mm (33.46 in): on request



**PATENTED**

#### TYPE 2651 - Curve ratio 1.0



## 30760a



Information about this product is only available on our Smart Guide® website.

#### Standard material

**LFG (GREY)**

Low friction acetal resin

materials details:

**73563a**

#### Also available into

**LFW (COLOR WHITE)**

Low friction acetal resin

**39999a**

materials details:

**73563a**

WIDTH W		ITEM DESCRIPTION	2451			MAX LOAD CAPACITY				BACK FLEX RADIUS	
mm	in		WIDTH W		SIDE FLEX R. MIN.	STRAIGHT		CURVE		mm	in
			mm	in		N/m	lbs/ft.	N	lbs		
-	-	-	-	-	-	-	-	-	-	-	-
340	13.39	LFG2451TAB-M0340	340	13.39	545	30000	2000	3500	790	25	0.98
425	16.73	LFG2451TAB-M0425	425	16.73	680						
510	20.08	LFG2451TAB-M0510	510	20.08	840						
595	23.43	LFG2451TAB-M0595	595	23.43	980						
680	26.77	LFG2451TAB-M0680	680	26.77	1150						
765	30.12	LFG2451TAB-M0765	765	30.12	1300						
850	33.46	LFG2451TAB-M0850	850	33.46	1450						

Side flex radius values are valid for curves up to 180 degrees. For larger angles or for spirals, please consult our Application Engineering.

WIDTH W		ITEM DESCRIPTION	2651			MAX LOAD CAPACITY				BACK FLEX RADIUS	
mm	in		WIDTH W		SIDE FLEX R. MIN.	STRAIGHT		CURVE		mm	in
			mm	in		N/m	lbs/ft.	N	lbs		
-	-	-	-	-	-	-	-	-	-	-	-
425	16.73	LFG2651TAB-M0425	425	16.73	425	30000	2000	3500	790	25	0.98
510	20.08	LFG2651TAB-M0510	510	20.08	510						
595	23.43	LFG2651TAB-M0595	595	23.43	595						
680	26.77	LFG2651TAB-M0680	680	26.77	680						
765	30.12	LFG2651TAB-M0765	765	30.12	850						
850	33.46	LFG2651TAB-M0850	850	33.46	1050						

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30755a

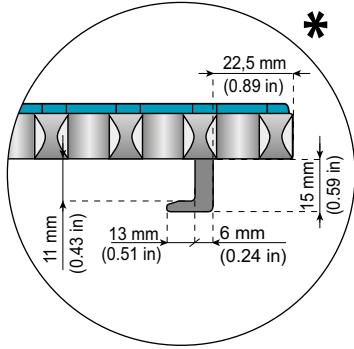
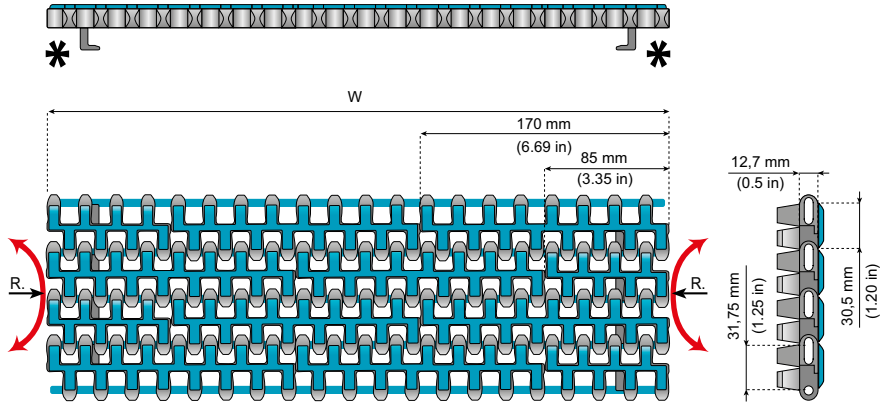
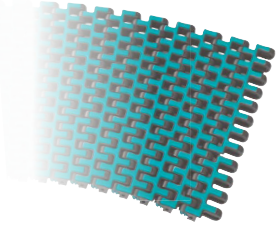
### 31,75 mm (1 1/4") MODULAR BELTS 2351 - RUBBER INSERT

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**SIDEFLEXING**



#### 2351 VG - Curve ratio 1,6

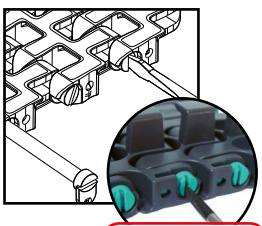


**Features:**

- Radius – width ratio min. 1,6
- For left or right L- or U-turns
- Can also be used in S-curves
- Strong design
- Optimum product support
- Easy installation and maintenance

**Standard length:** 96 pitches (3,05 m - 10 ft.)

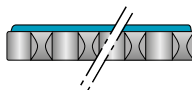
**30760a**



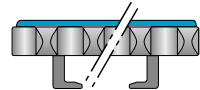
**PATENTED**

WIDTH W		SIDE FLEX R. MIN.	MAX LOAD CAPACITY				BACK FLEX RADIUS		WEIGHT	
mm	in		STRAIGHT		CURVE		mm	in	Kg/m <sup>2</sup>	lbs/ft <sup>2</sup>
			N/m	lbs/ft.	N	lbs				
255	10.04	408	22000	1500	2500	560	25	0.98	8,8	1.8
340	13.39	545								
425	16.73	680								
510	20.08	840								
595	23.43	980								
680	26.77	1150								
765	30.12	1300								
850	33.46	1450								

Side flex radius values are valid for curves up to 180 degrees. For larger angles or for spirals, please consult our Application Engineering.



**Without TAB**



**With TAB 2 sides**

**Standard material**

<b>LFG (GREY)</b>
Low friction acetal resin

<b>TPR (WATER BLUE)</b>
Thermoplastic rubber

materials details:  
**73563a**

materials details:  
**73570a**

Also available into

<b>LFW (COLOR WHITE)</b>
Low friction acetal resin
<b>39999a</b>

Information about this product is only available on our Smart Guide® website.

WIDTH W		ITEM DESCRIPTION	ITEM DESCRIPTION
mm	in		
255	10.04	LFG2351-M0255VG	LFG2351TAB-M0255VG
340	13.39	LFG2351-M0340VG	LFG2351TAB-M0340VG
425	16.73	LFG2351-M0425VG	LFG2351TAB-M0425VG
510	20.08	LFG2351-M0510VG	LFG2351TAB-M0510VG
595	23.43	LFG2351-M0595VG	LFG2351TAB-M0595VG
680	26.77	LFG2351-M0680VG	LFG2351TAB-M0680VG
765	30.12	LFG2351-M0765VG	LFG2351TAB-M0765VG
850	33.46	LFG2351-M0850VG	LFG2351TAB-M0850VG

Other widths available on request.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

## 30760a

## DRIVE AND RETURN SPROCKETS, IDLER WHEELS

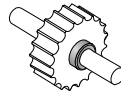
www.SystemPlastSmartGuide.com

FOR BELTS 2351 (VG)-2451-2551-2651

**New design**  
30990a

**Features:**

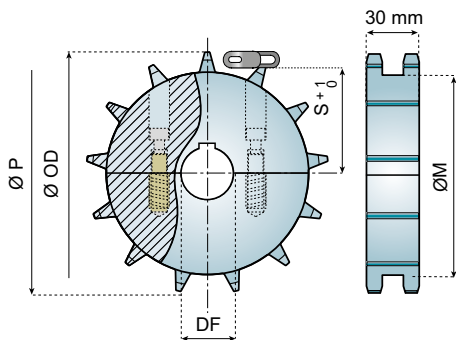
- Very high strength.
- Split versions: quick and easy replacement.
- Foolproof design.
- Completely closed structure, easy to clean and to disinfect.
- Excellent wear and chemical resistance.
- Recyclable.



Set collars, go to:  
**54630a**



Z	Ø P mm	Ø OD mm	Ø M mm	S mm	DIAMETER OF THE SUPPORTING WHEEL mm
10	102,8	107,7	84	45	85,0
13	132,7	138,8	114	60	116,1
15	152,7	159,4	135	70	136,7
16	162,8	169,6	145	75	146,9



Z	Ø 30	Ø 40
	ITEM DESCRIPTION	
10	<b>2351-10R30M-DMS</b>	<b>2351-10R40M-DMS</b>
13	<b>2351-13R30M-DMS</b>	<b>2351-13R40M-DMS</b>
15	<b>2351-15R30M-DMS</b>	<b>2351-15R40M-DMS</b>
16	<b>2351-16R30M-DMS</b>	<b>2351-16R40M-DMS</b>

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass, DIN 6885 key seat.



See belts 2351-2551:

**30745a**

See belts 2651-2451:

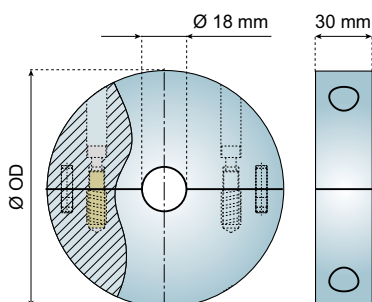
**30750a**

See belts 2351VG:

**30755a**

Z	Ø 30	Ø 40
	ITEM DESCRIPTION	
10	<b>2351-10R30M-RMS</b>	<b>2351-10R40M-RMS</b>
13	<b>2351-13R30M-RMS</b>	<b>2351-13R40M-RMS</b>
15	<b>2351-15R30M-RMS</b>	<b>2351-15R40M-RMS</b>
16	<b>2351-16R30M-RMS</b>	<b>2351-16R40M-RMS</b>

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.



Z	PART NUMBER	NOTES
10	<b>2351-10R18M-WMS</b>	Max. allowed bore : Ø40
13	<b>2351-13R18M-WMS</b>	Max. allowed bore : Ø55
15	<b>2351-15R18M-WMS</b>	
16	<b>2351-16R18M-WMS</b>	

Z	Ø OD mm
10	85,0
13	116,1
15	136,7
16	146,9

**Material:** polyamide (natural white), screws in stainless steel, bushings in brass.



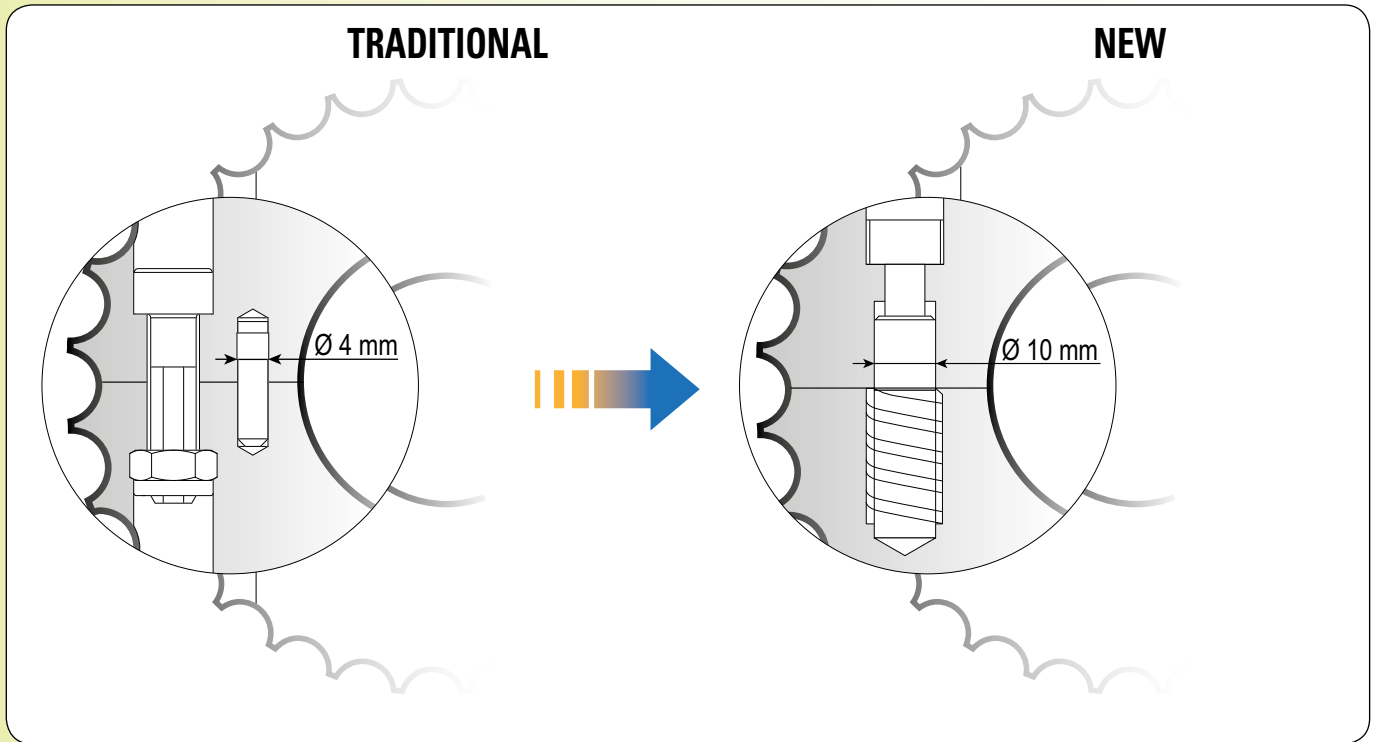
Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 9 9 0 a**

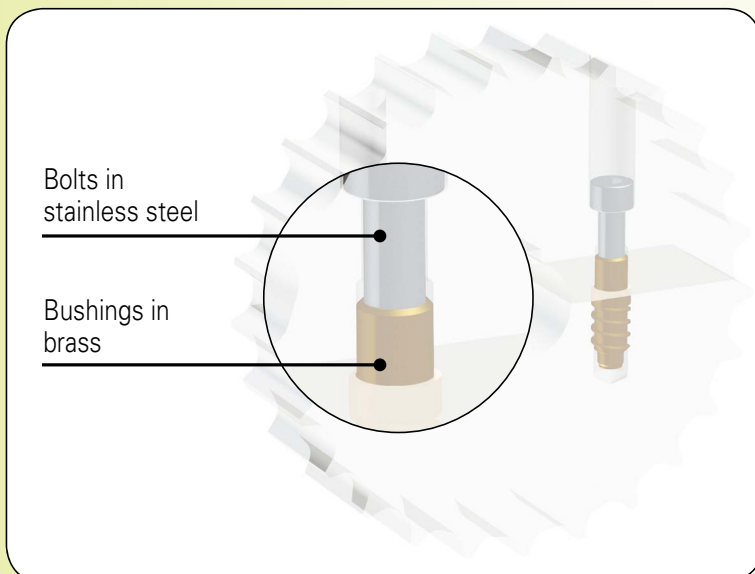
**SPROCKETS WITH BUSHINGS CONCEPT / DETAILS**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)

- No rotation of nuts inside plastic.
- Fail safe disassembling.
- Quick and easy replacement.



- Reduced number of holes providing.
  - Better hygiene
  - Easier access
  - Less tooth perforation.
- Completely closed structure, easy to clean and to disinfect.

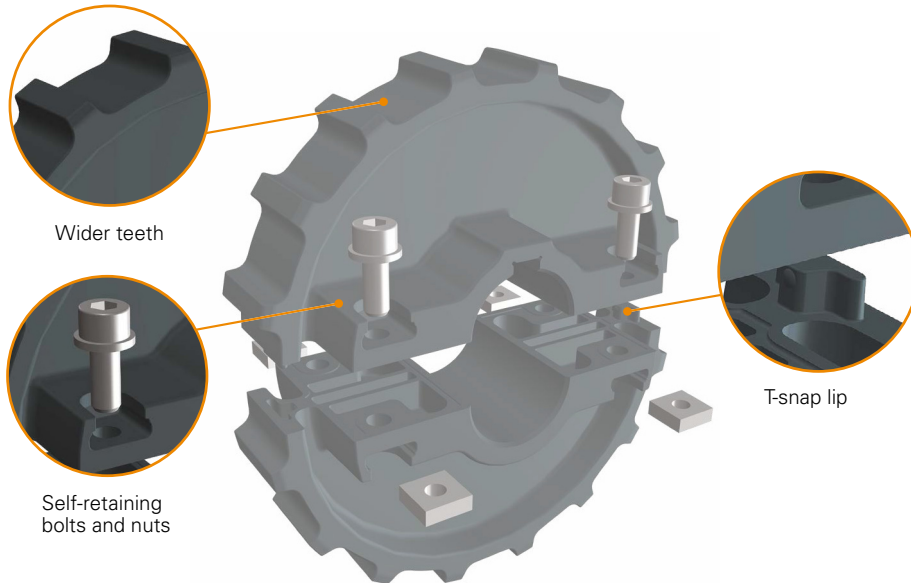


Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	

**3 0 9 9 5 a**

**MOLDED SPROCKETS 2120-2250 SNAP CONCEPT / DETAILS**

[www.SystemPlastSmartGuide.com](http://www.SystemPlastSmartGuide.com)



**New**

The molded sprockets for our 2120-2250 series plastic modular belts have been improved. In comparison to the previous sprocket design. The new sprockets offer following benefits:

**LONGER LIFE**

The sprocket teeth have been enlarged by 8% (2250 only) to better transfer the load from sprocket to belt. This will also result in a longer wear life of sprocket and belt. Moreover, a new material is used, which is more stable in all application conditions and offers increased impact resistance.

**EASIER USE OF SHAFT COLLARS**

Shaft collars can now be used more easily. Hub width has been slightly reduced from 49 mm to 47,5 mm. Now, all our standard shaft collars can be used in combination with these sprockets, even on conveyors with 85 mm center-to-center distance.

**SIMPLER INSTALLATION**

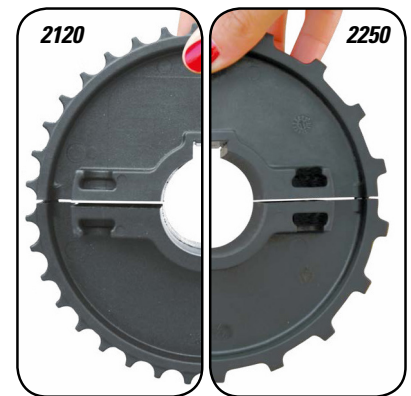
Bolts and nuts can be inserted in the proper seats with a small interference, designed to avoid losing these parts during assembly/disassembly. There will be no more time lost due to bolts or nuts falling to the floor while installing a sprocket. The new and unique snap-fastening system is another feature that makes sprocket assembly much easier. The T-shaped lip at the edge of the sprocket half, simply snaps into its counterpart in the other half. When put around the shaft, the two halves will stick together even without fixing the bolts and nuts.

**IMPROVED STRENGTH AND WEAR LIFE**

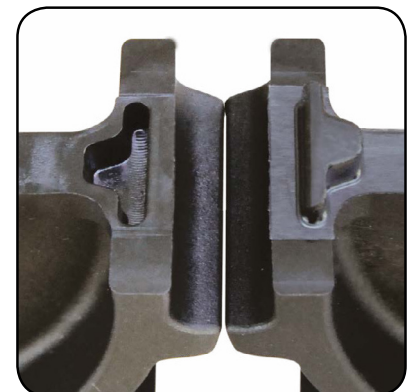
The design of the rib structure, especially around the hub, has been optimized. This has resulted in improved strength and reduced weight at the same time. The improved roundness results in a smoother belt operation.

**NEW SNAP-FASTENING SYSTEM**

The new and unique snap-fastening system makes sprocket assembly faster and easier. Besides, the strength has been improved by adding a T-shaped rib and a new design of the hub area.



**Parts snap together without fixing bolts**



**T-snap lip**

For drive and return sprockets, go to:

2120 series, go to:

**3 0 1 6 0 a**  
**3 0 1 6 0 c**



2250 series, go to:

**3 0 3 9 5 a**  
**3 0 3 9 5 c**


**Note:**


The new sprockets are completely interchangeable with the previous design. Part numbers and item descriptions are unchanged.

Chains & sprockets	Wear strips	Side guide brackets & accessories	Levelers	Engineering manual
<b>Modular belts &amp; sprockets</b>	Chain & belt return systems	Frame & structure supports	Bearing supports	
Curves & tracks	Side guide solutions	Miscellaneous products	Equipment	


For details and quotations for modular belts in materials not indicated in this catalog please contact our customer service offices:


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